1.2 RELAZIONE GENERALE: FIGURE ALLEGATE

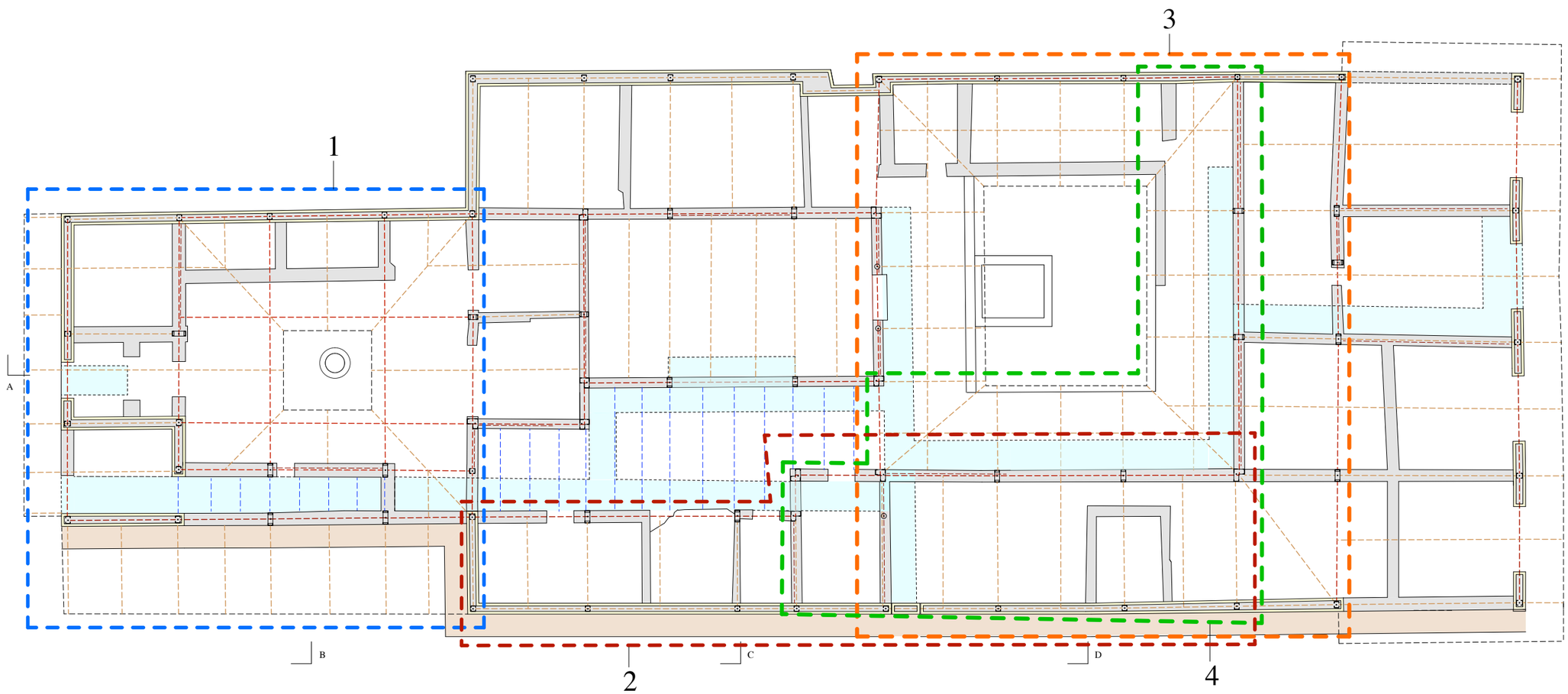
Gruppo di progettazione: Eugenio Vassallo (capogruppo), Pierluigi Grandinetti (coordinamento), Sandro Pittini, Massimiliano Valle, Marino Del Piccolo, Daniele Mucin (sicurezza), Dario Cazzaro, Piera Puntel. Consulenti: Michela Cafazzo (aspetti storico-architettonici), Alberto Candolini (vegetazione), Maurizia De Min (archeologia), Sara Di Resta (interventi di conservazione), Stefano Massarino (impianti elettrici), Federico Mondini (impianti termoidraulici), Massimo Valent (geologia). Collaboratori: Stefano Arnoldo, Michela Bosco, Martha Cantù Toscano, Pierpaolo Cedaro, Alice Contardo, Giorgio Danesi, Andrea Marchioli.

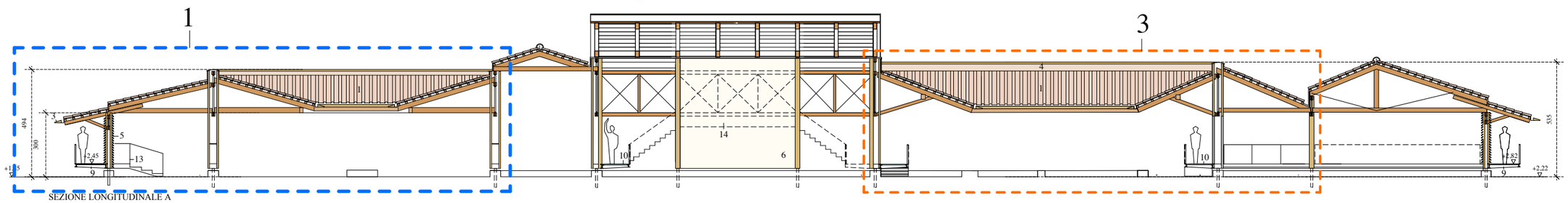
ORDINE DEGLI ARCHITETTI
PIANIFICATORI PAESAGGISTI E CONSERVATORI
DELLA PROVINCIA DI VENEZIA
SEZIONE A ARCHITETTO
EUGENIO VASSALLO
N° 1621

appc udine
ordine degli architetti pianificatori paesaggisti e conservatori della provincia di udine
grandinetti pierluigi
albo sez. A/a - numero 351
architetto

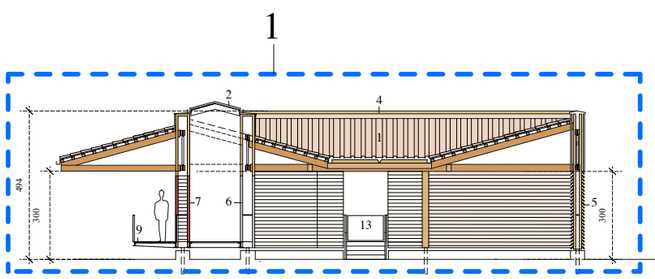
FIG. 1 INQUADRAMENTO LOCALIZZAZIONE
SOLUZIONI ALTERNATIVE

PIANTA E SEZIONI 1: 200

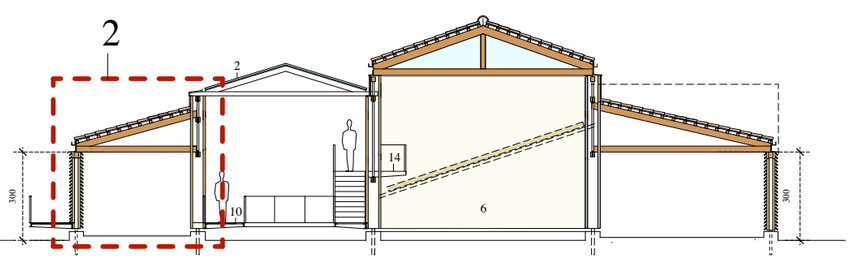




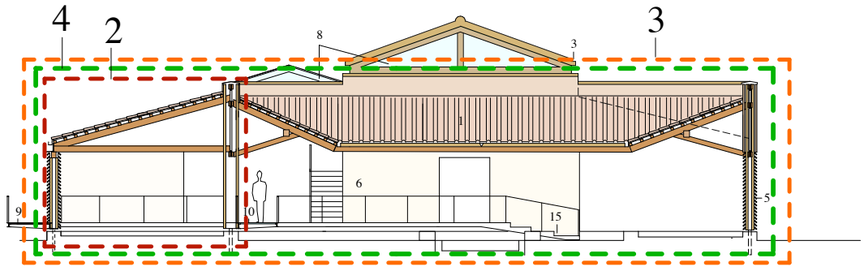
SEZIONE LONGITUDINALE A



SEZIONE TRASVERSALE B



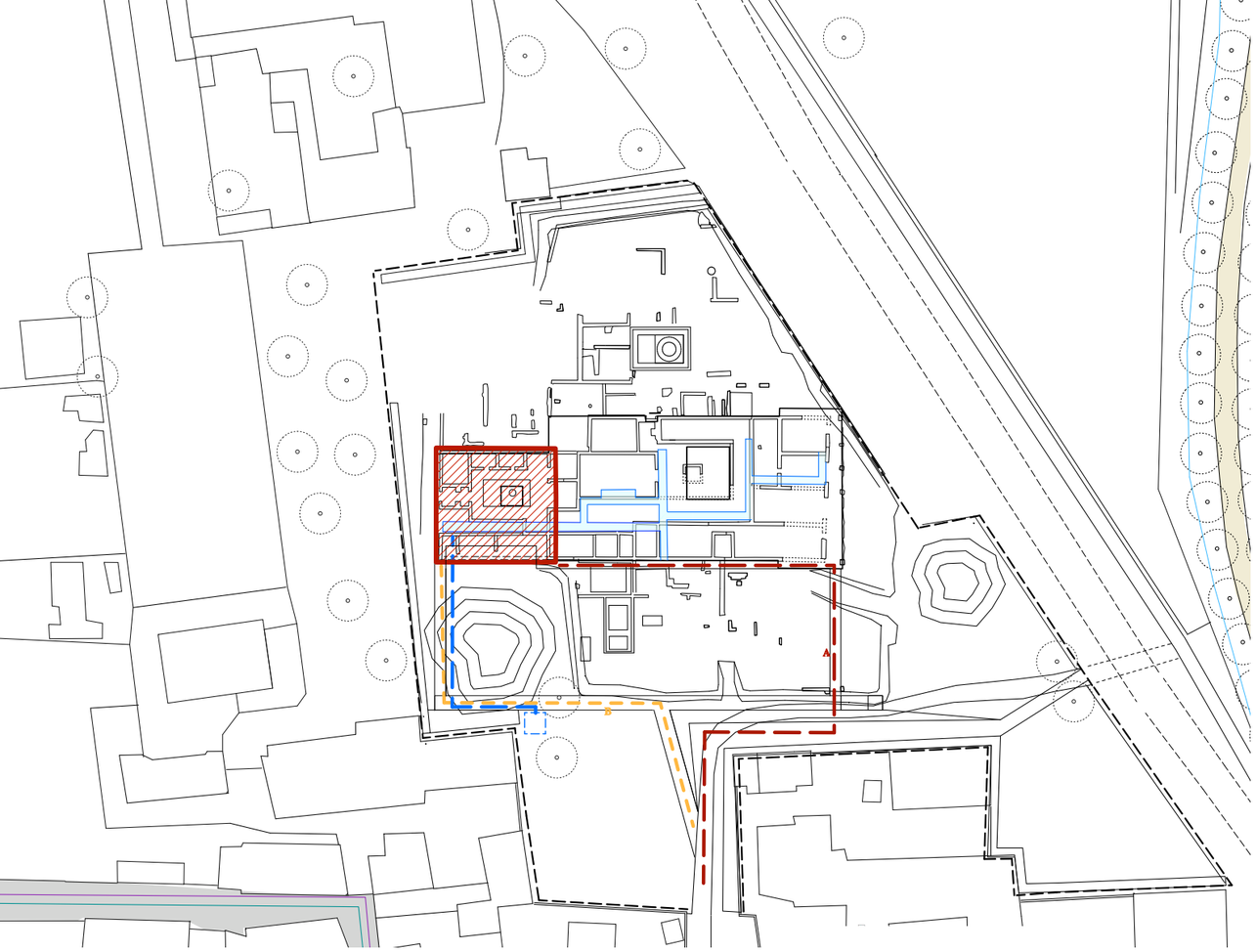
SEZIONE TRASVERSALE C

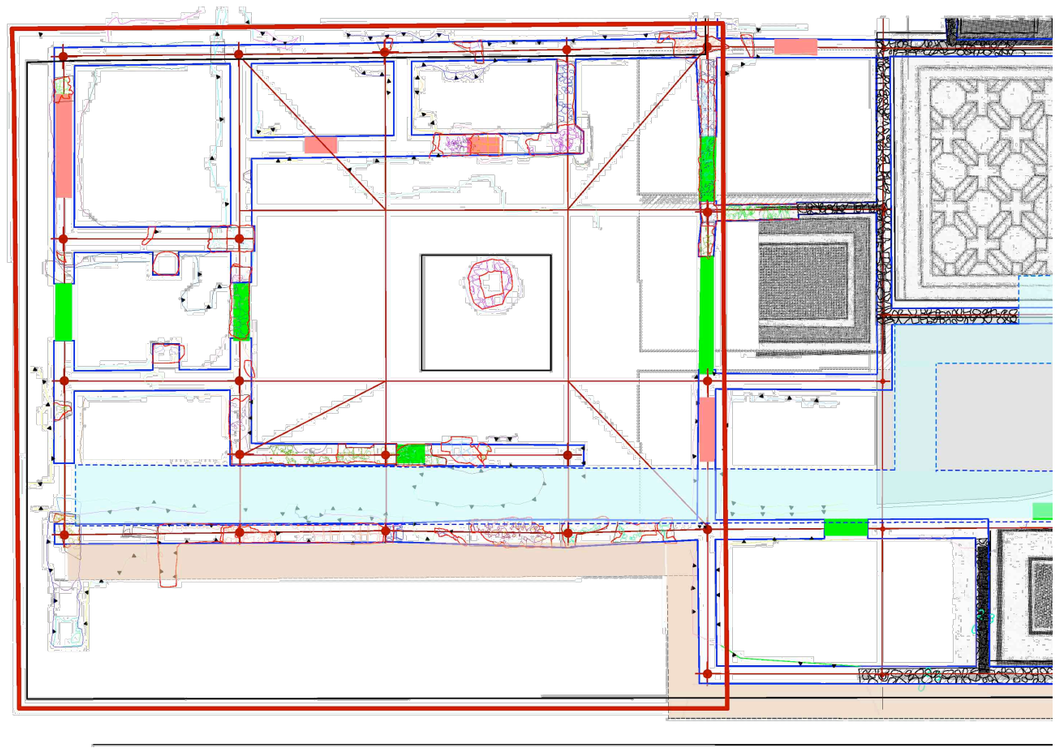


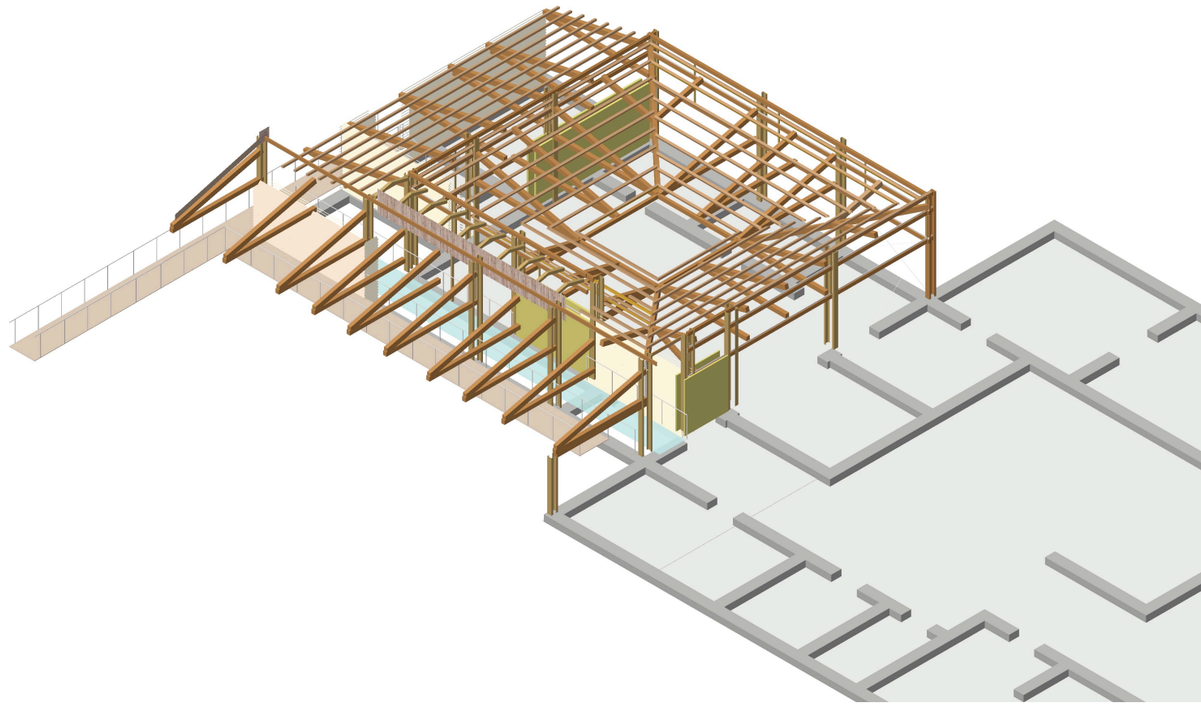
SEZIONE TRASVERSALE D

FIG. 2 SOLUZIONE ALTERNATIVA 1

PIANTE E VISTE ASSONOMETRICHE







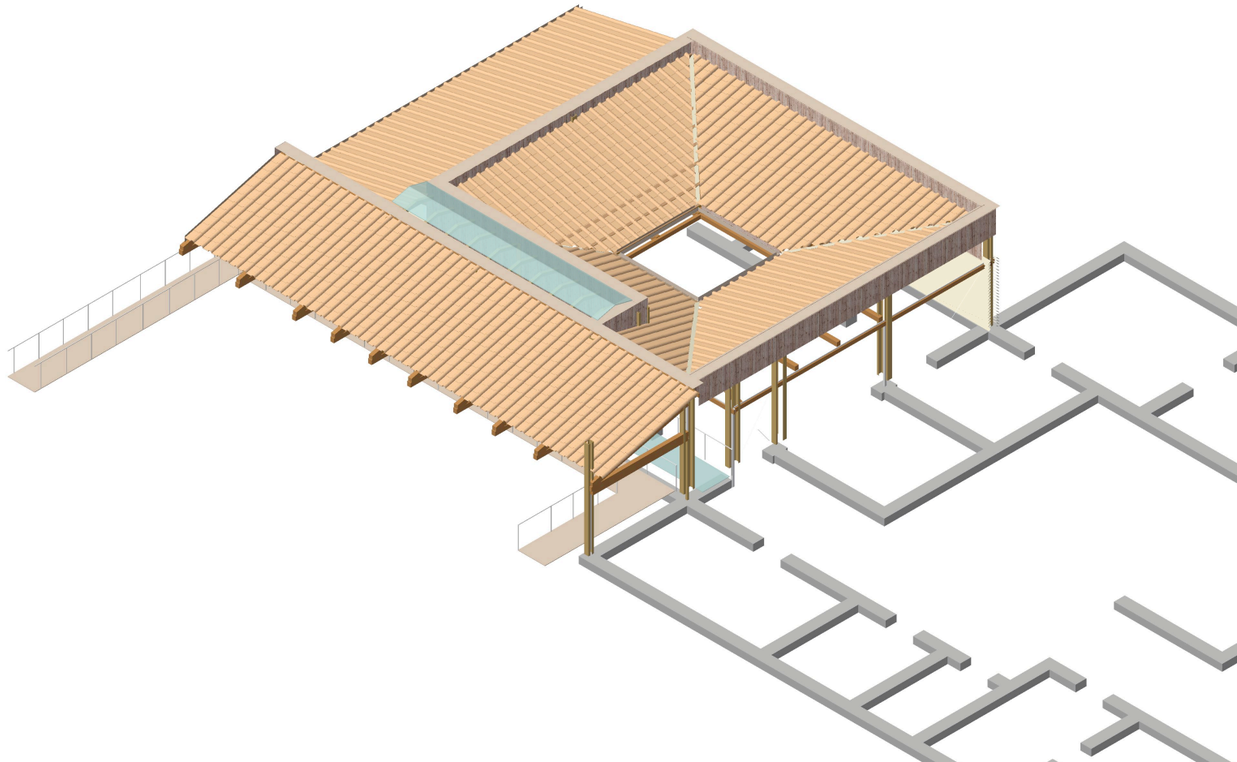
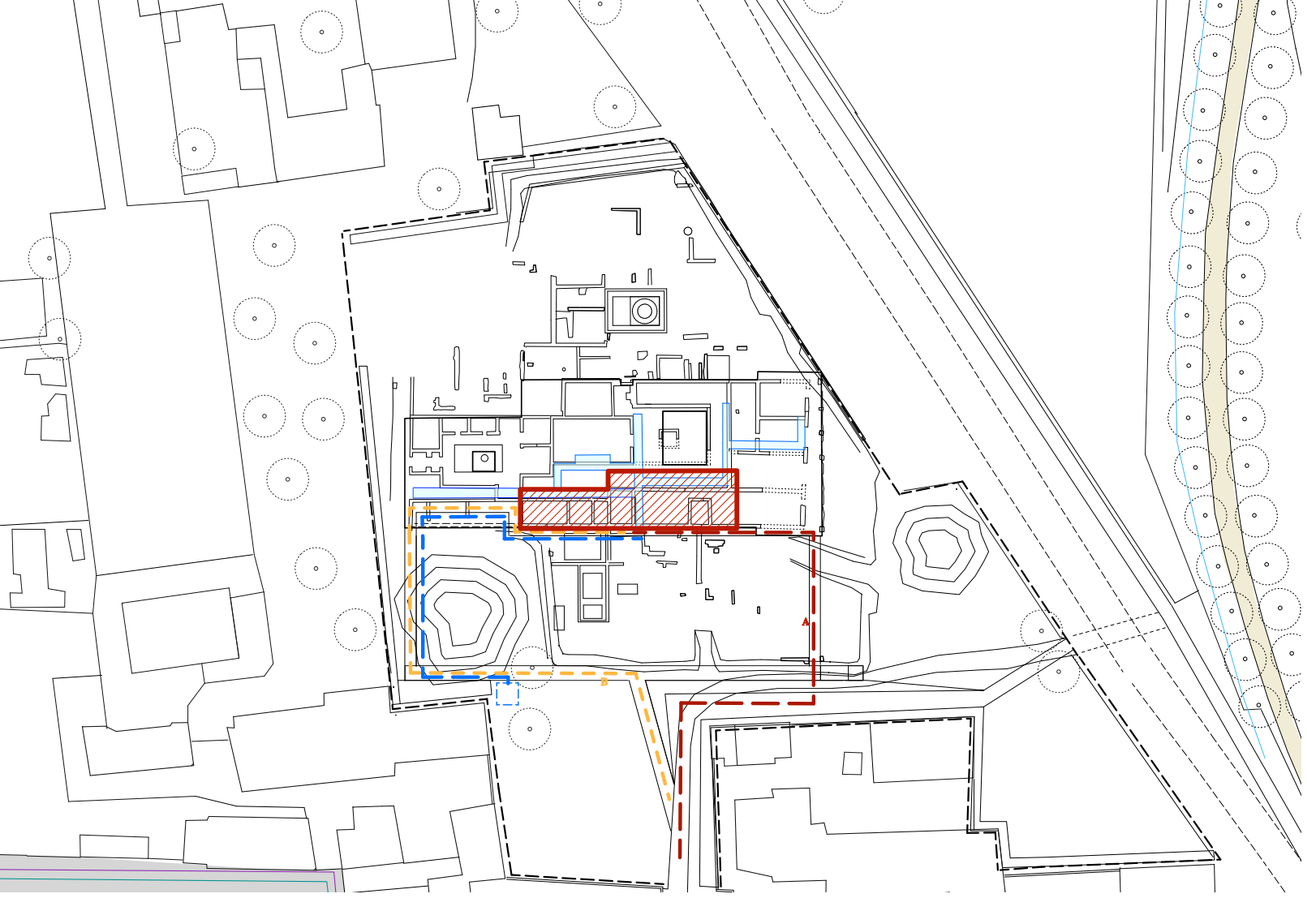
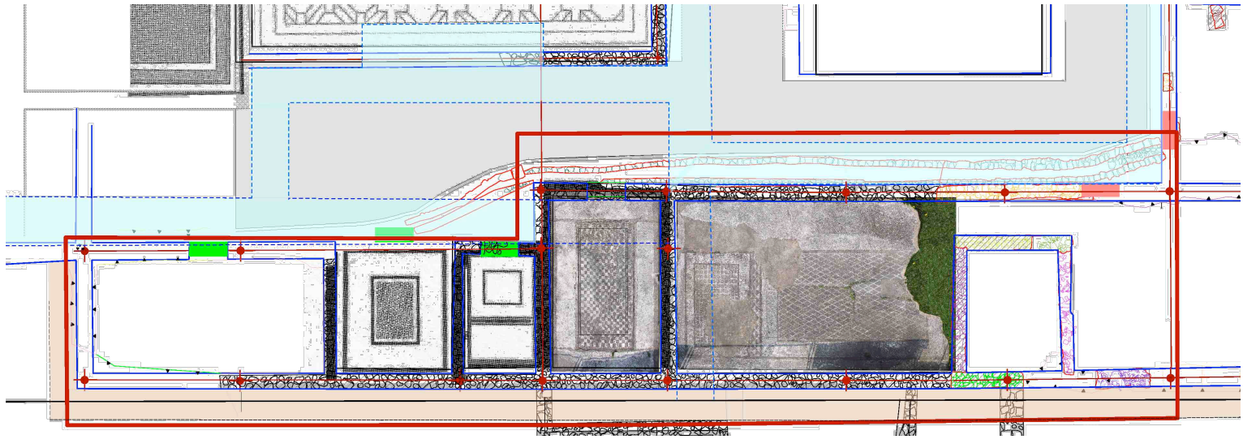
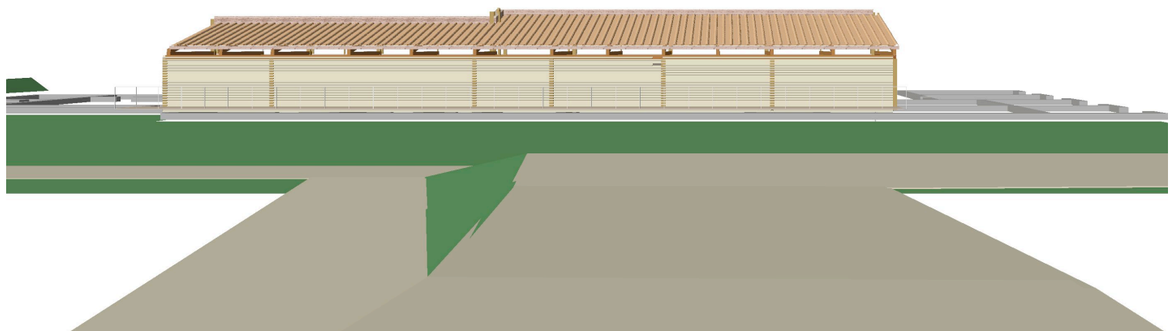


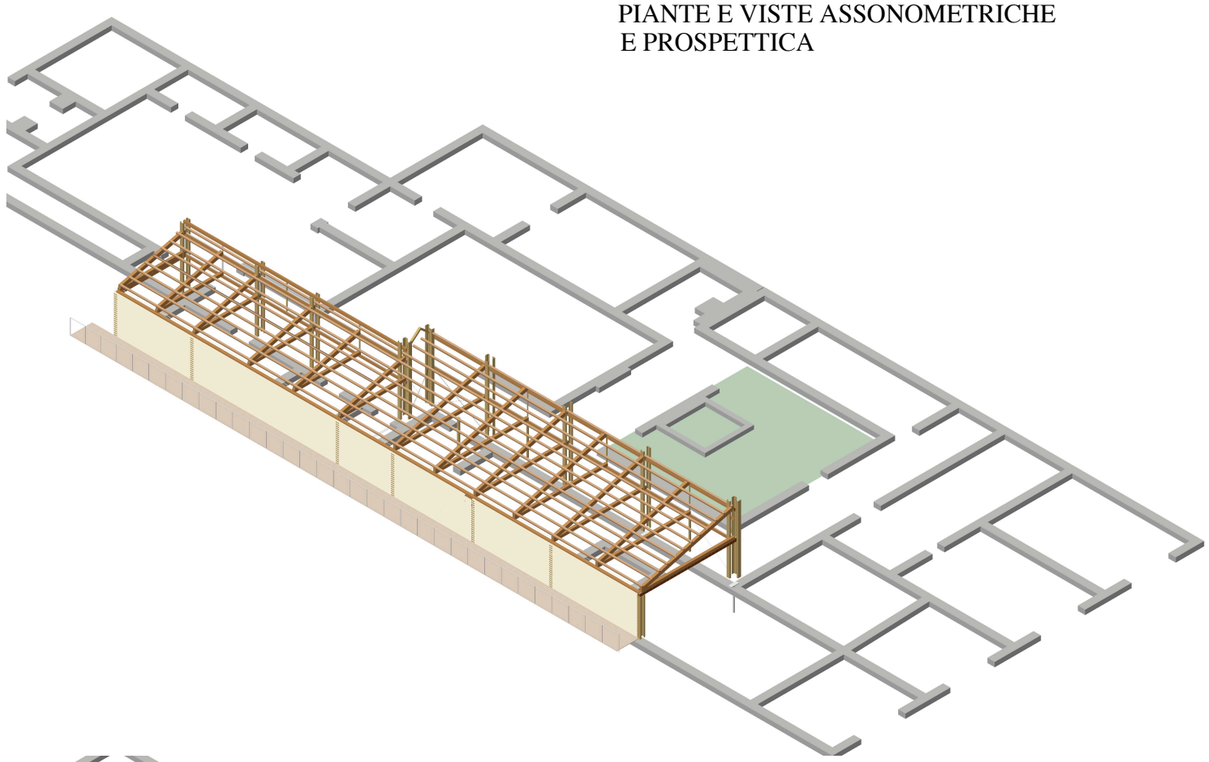
FIG. 3 SOLUZIONE ALTERNATIVA 2

PIANTE E VISTE ASSONOMETRICHE
E PROSPETTICA









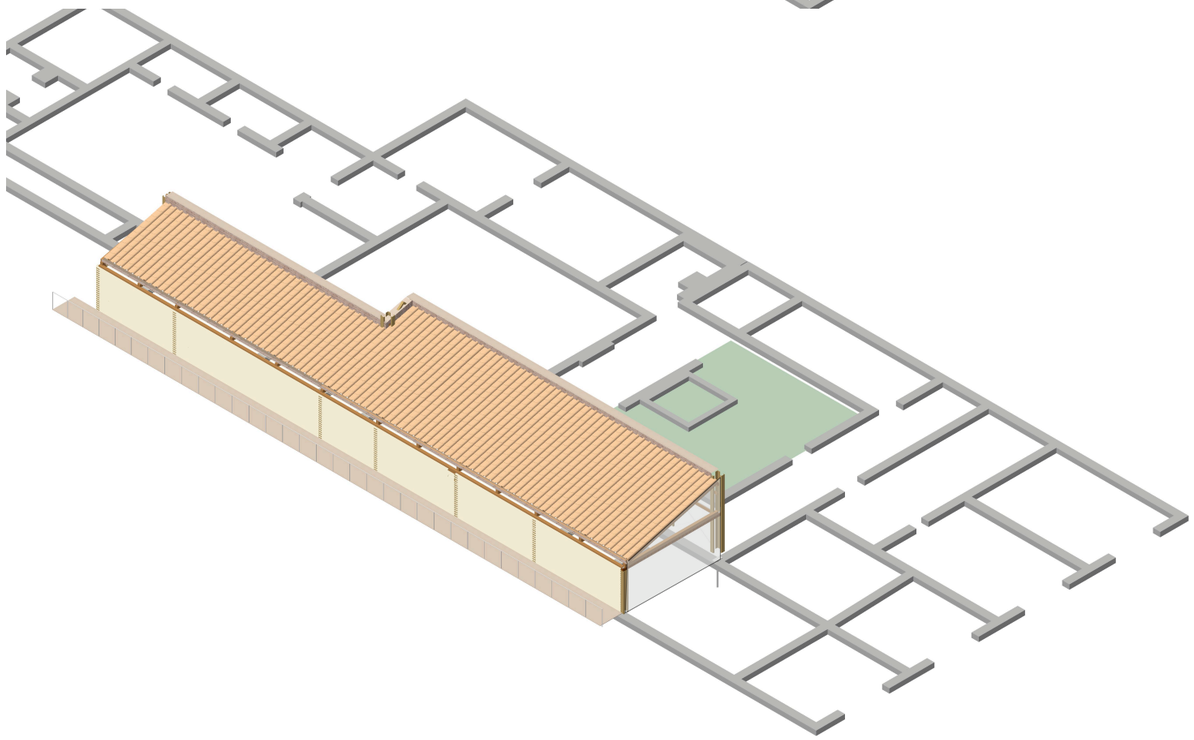
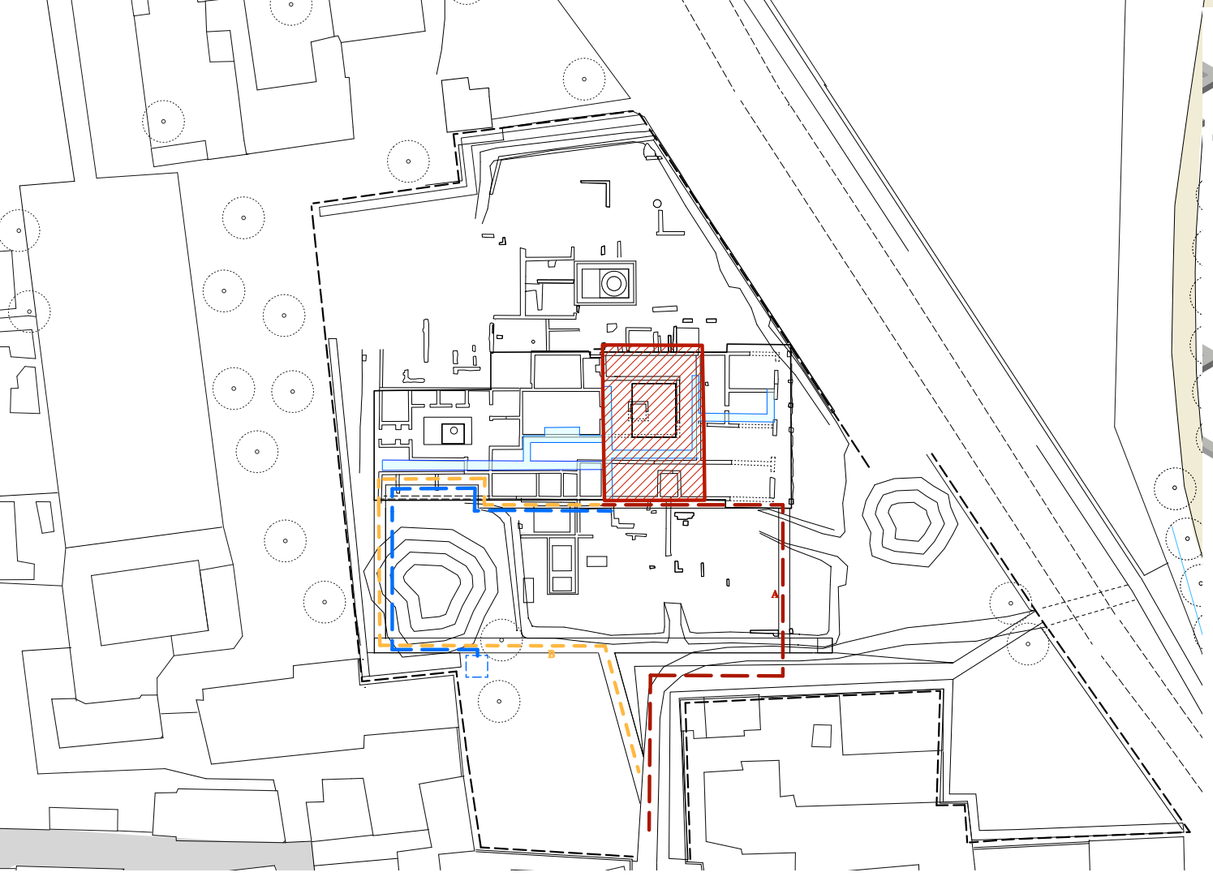
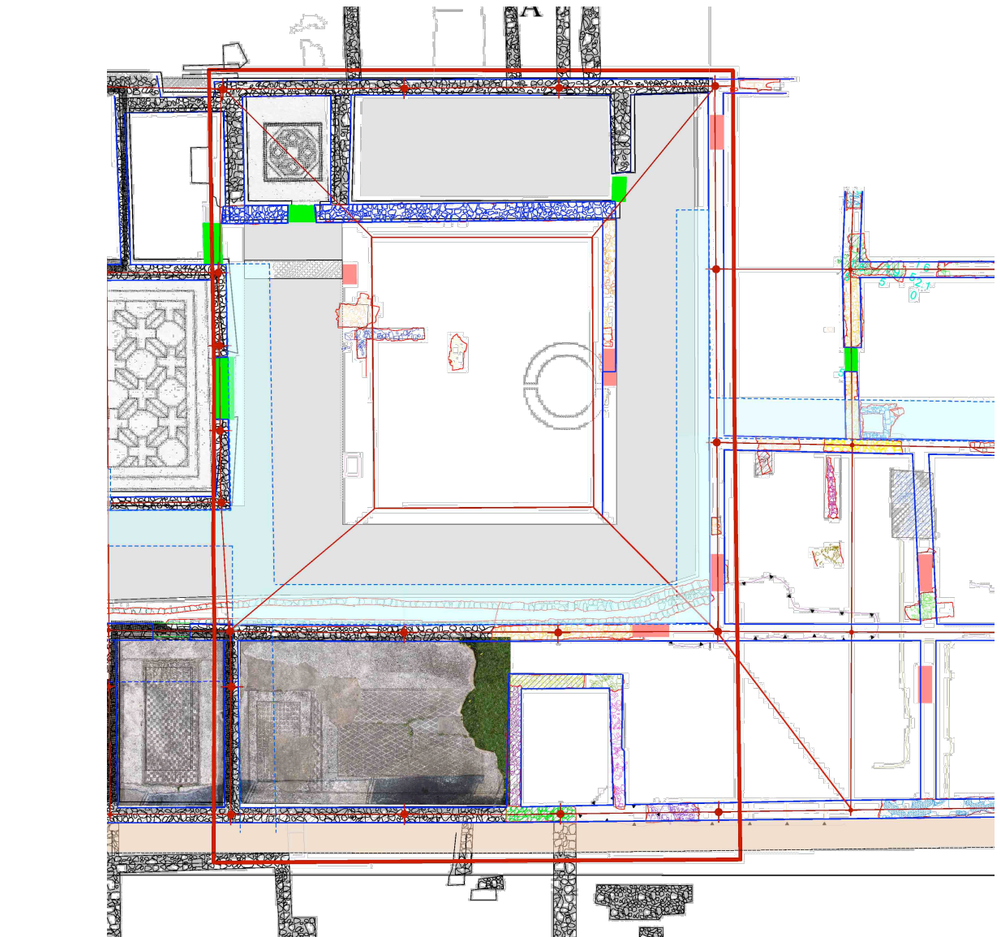


FIG. 4 SOLUZIONE ALTERNATIVA 3

PIANTE E E VISTE ASSONOMETRICHE





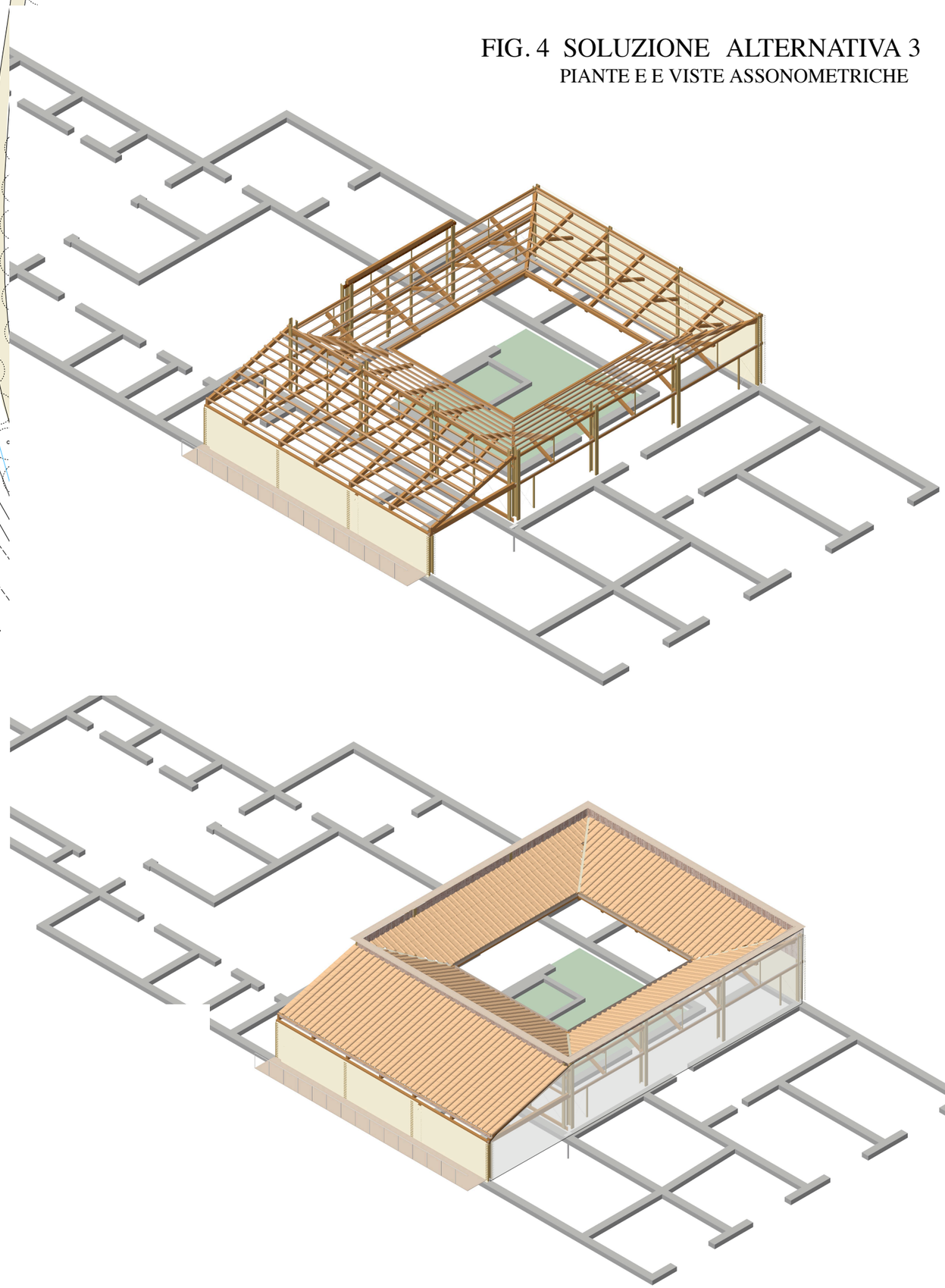
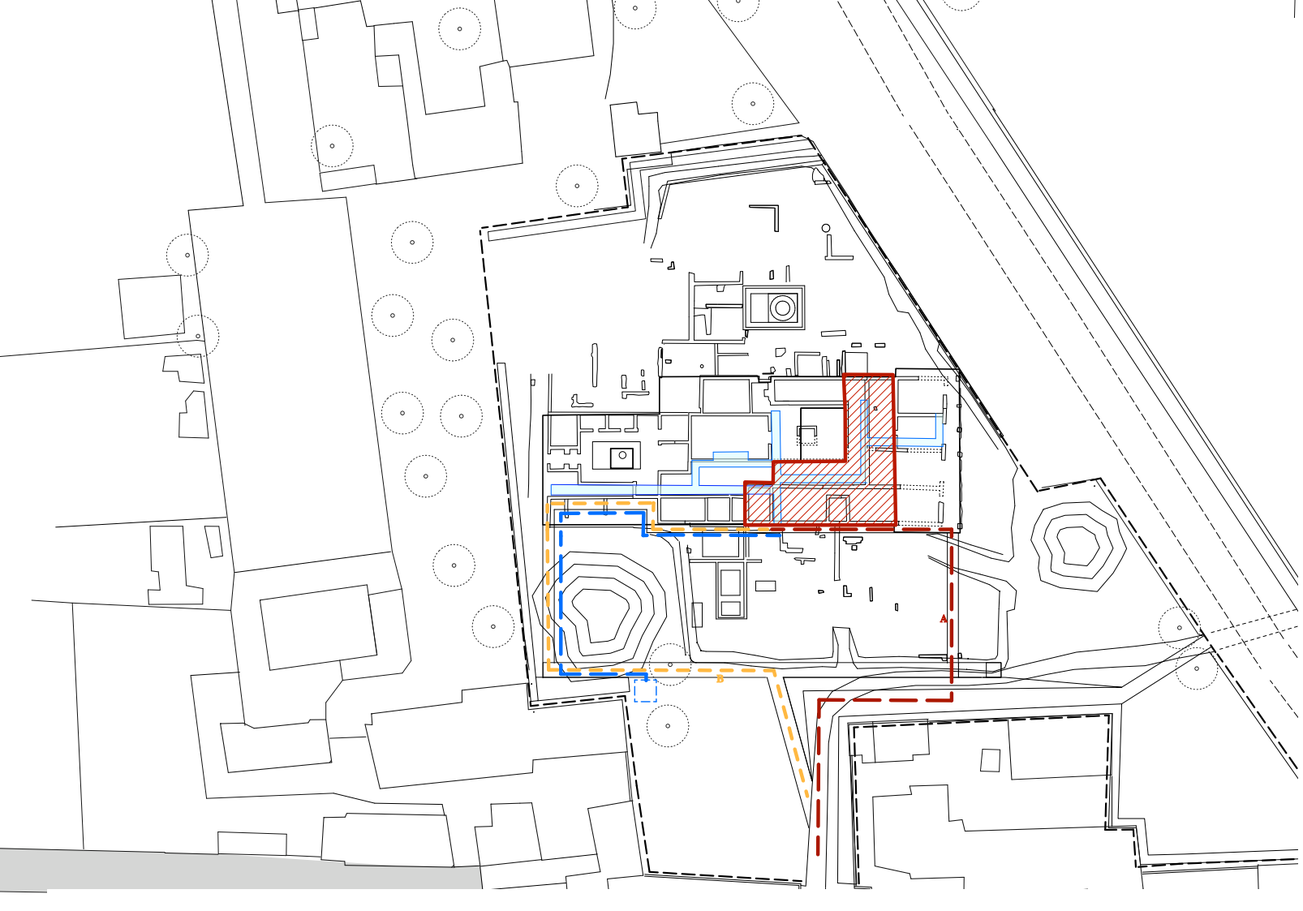
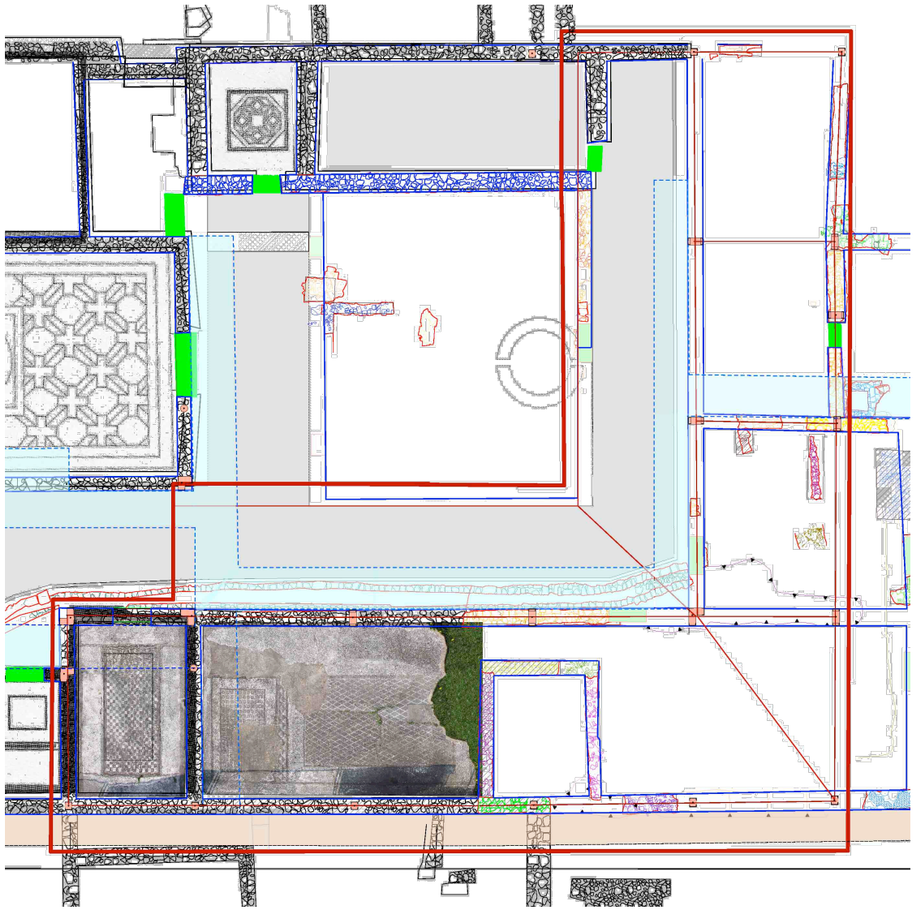
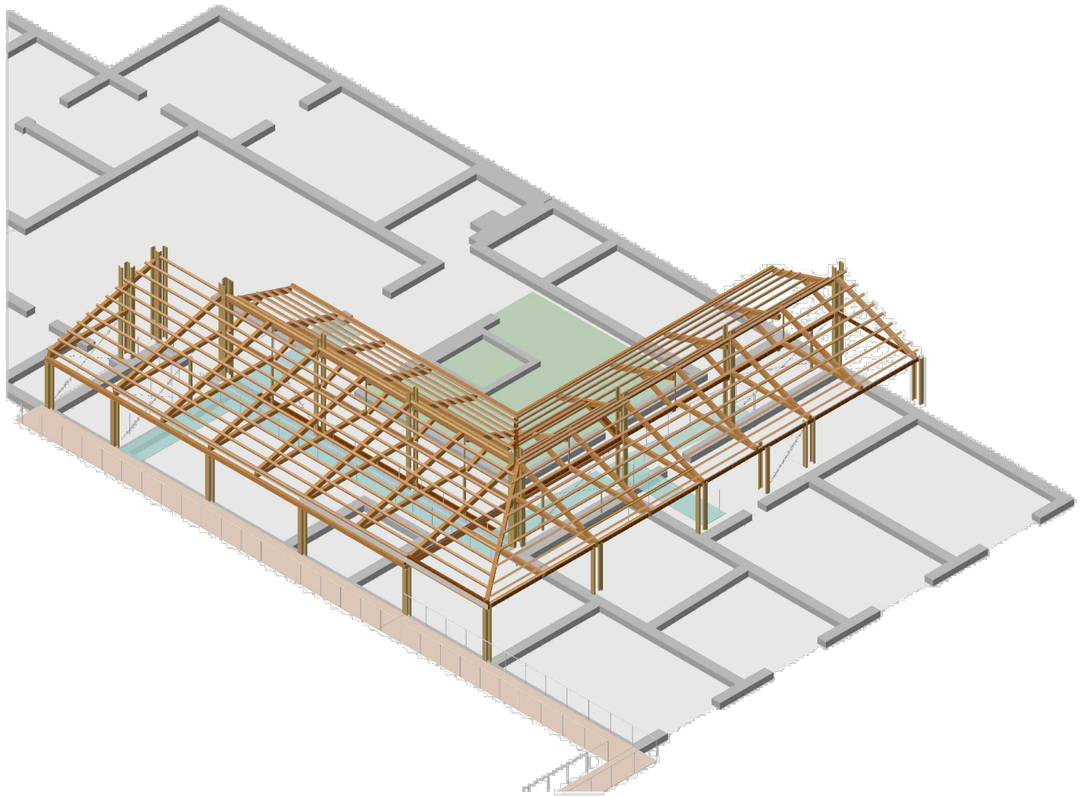


FIG. 5 SOLUZIONE ALTERNATIVA 4

PIANTE E VISTE ASSONOMETRICHE







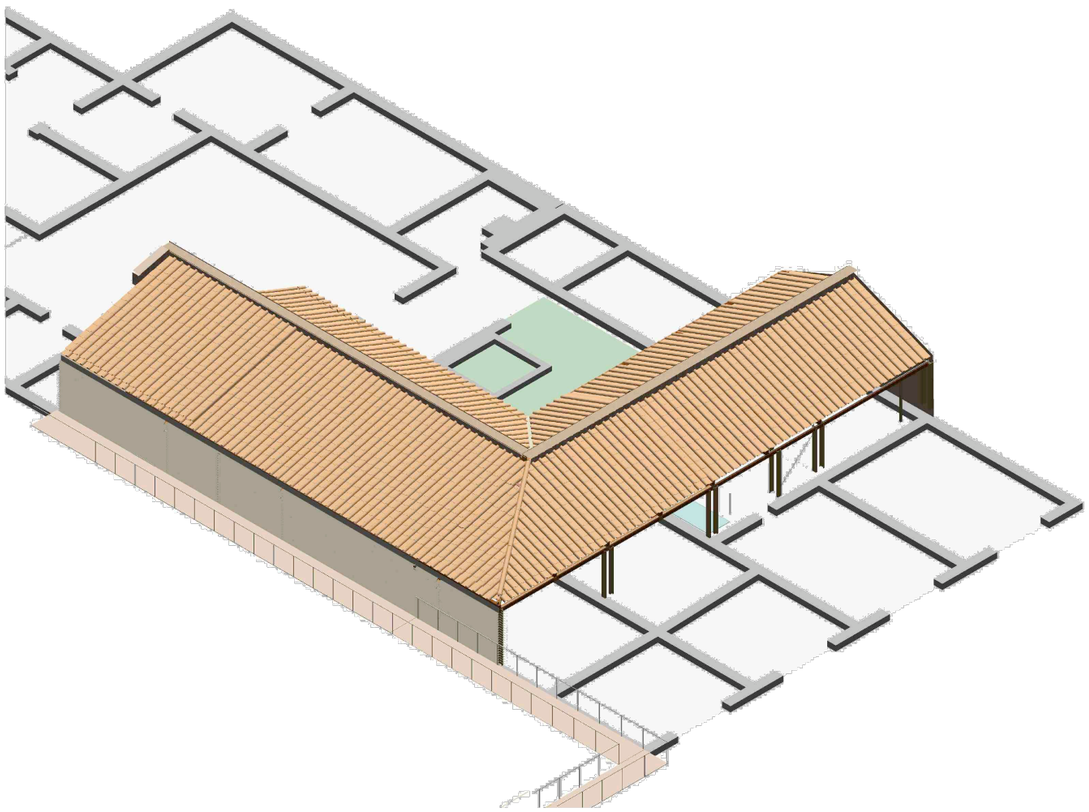
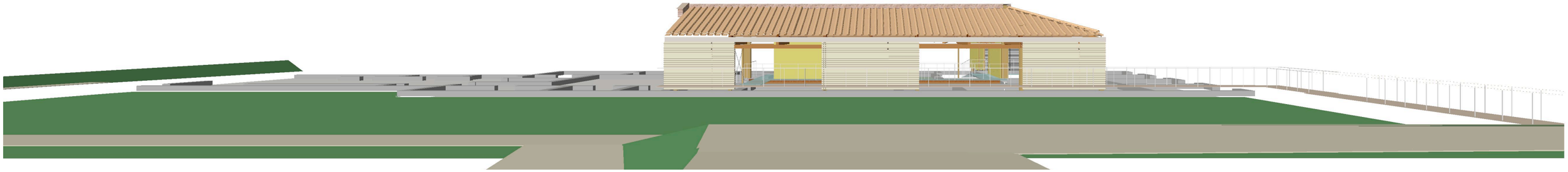
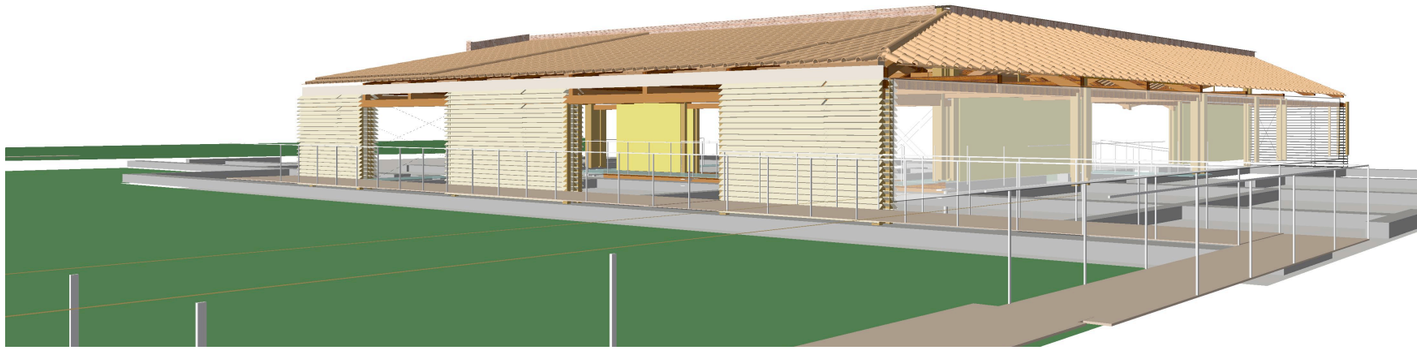
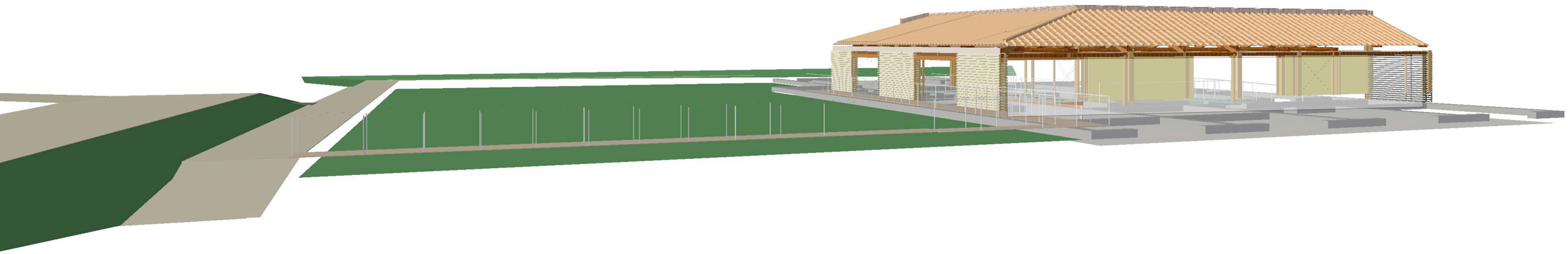


FIG. 6 SOLUZIONE ALTERNATIVA 4

VISTE PROSPETTICHE







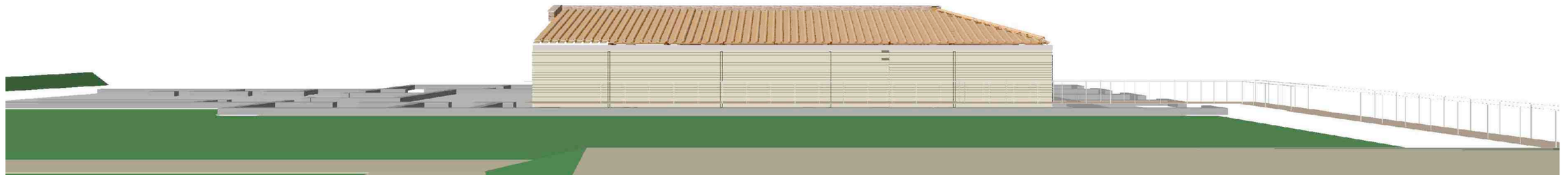
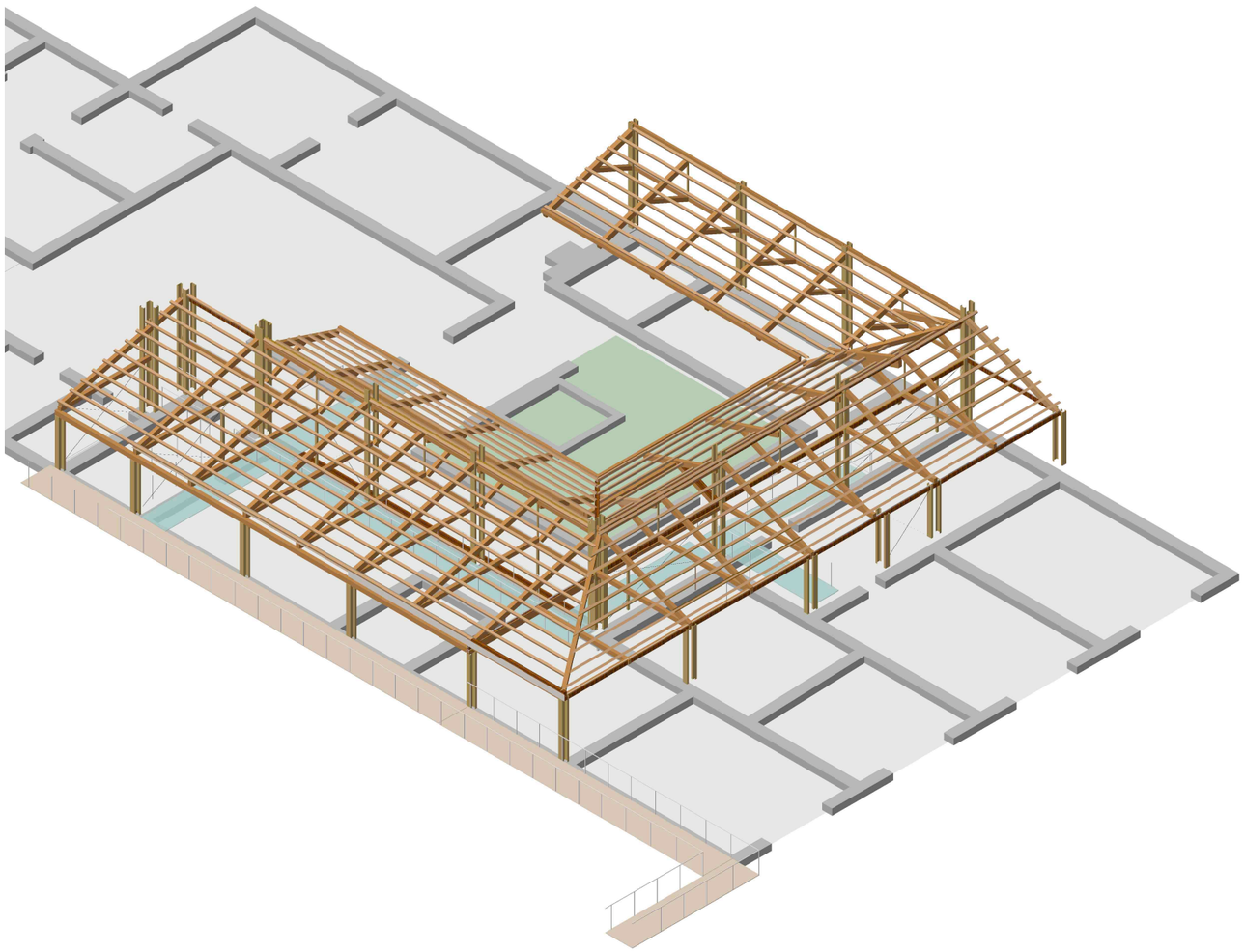


FIG. 7 SOLUZIONE ALTERNATIVA 4
VERSIONE A "U"
VISTE ASSONOMETRICHE E PROSPETTICA



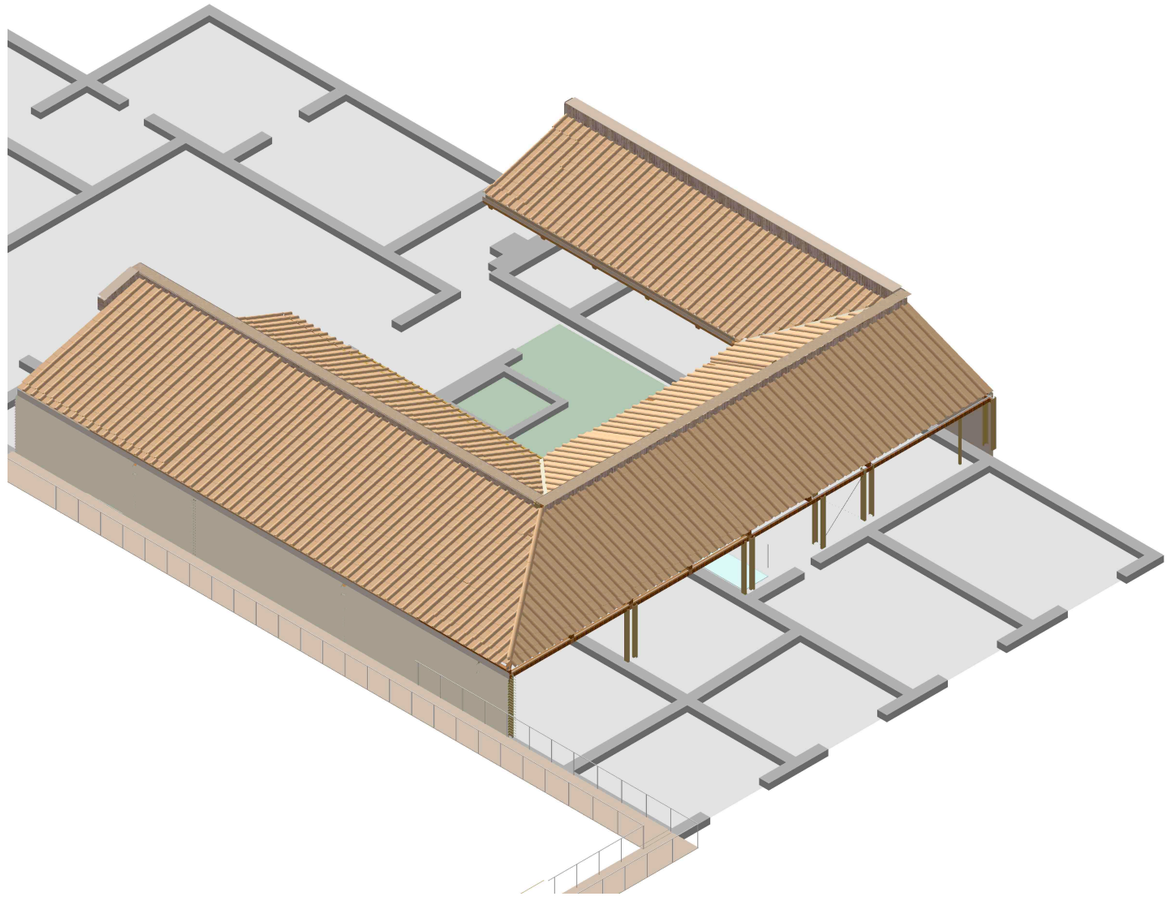
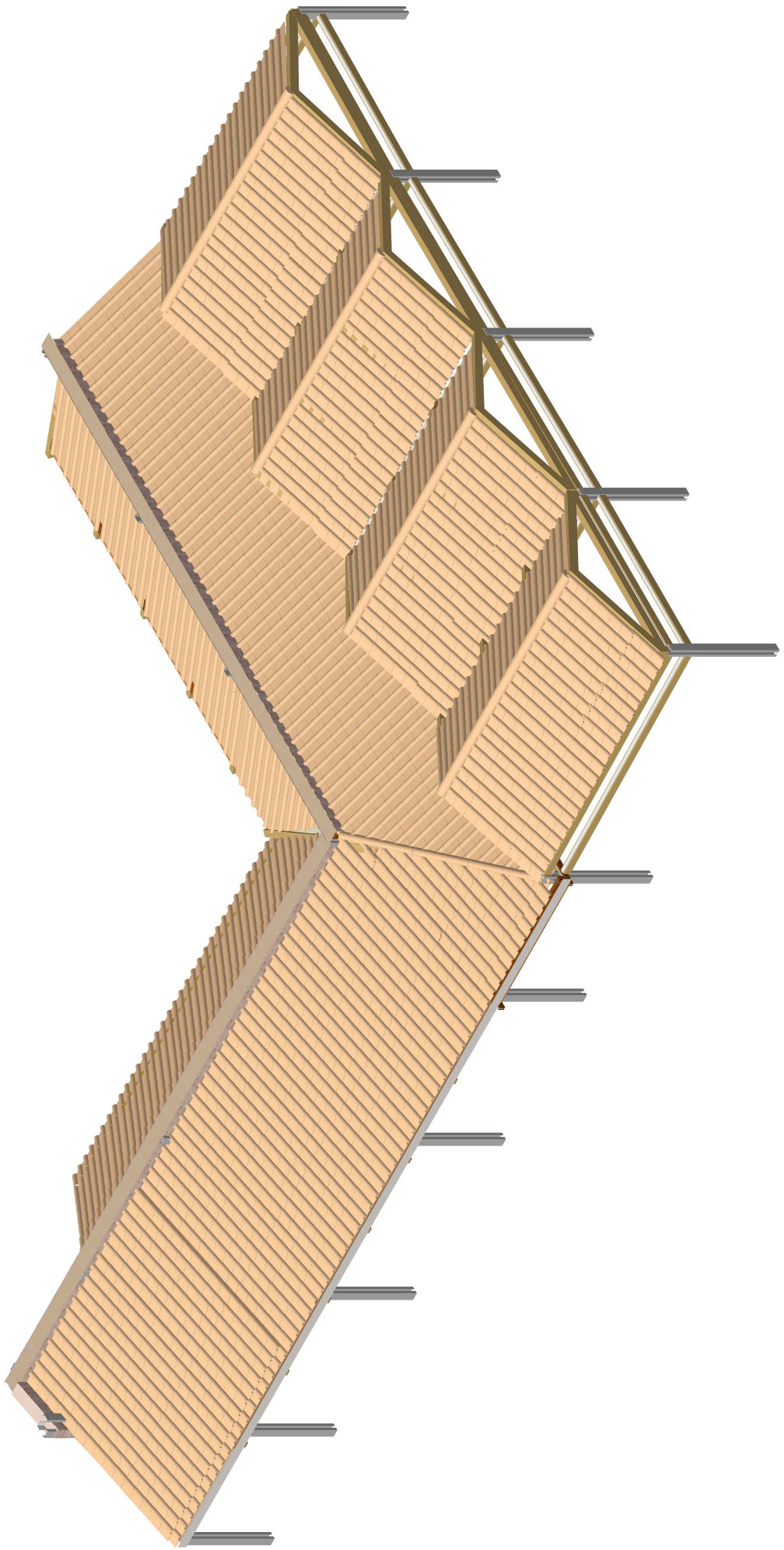


FIG. 8 SOLUZIONE A "BOTTEGHE"
DAL PROGETTO PRELIMINARE
VISTE ASSONOMETRICHE



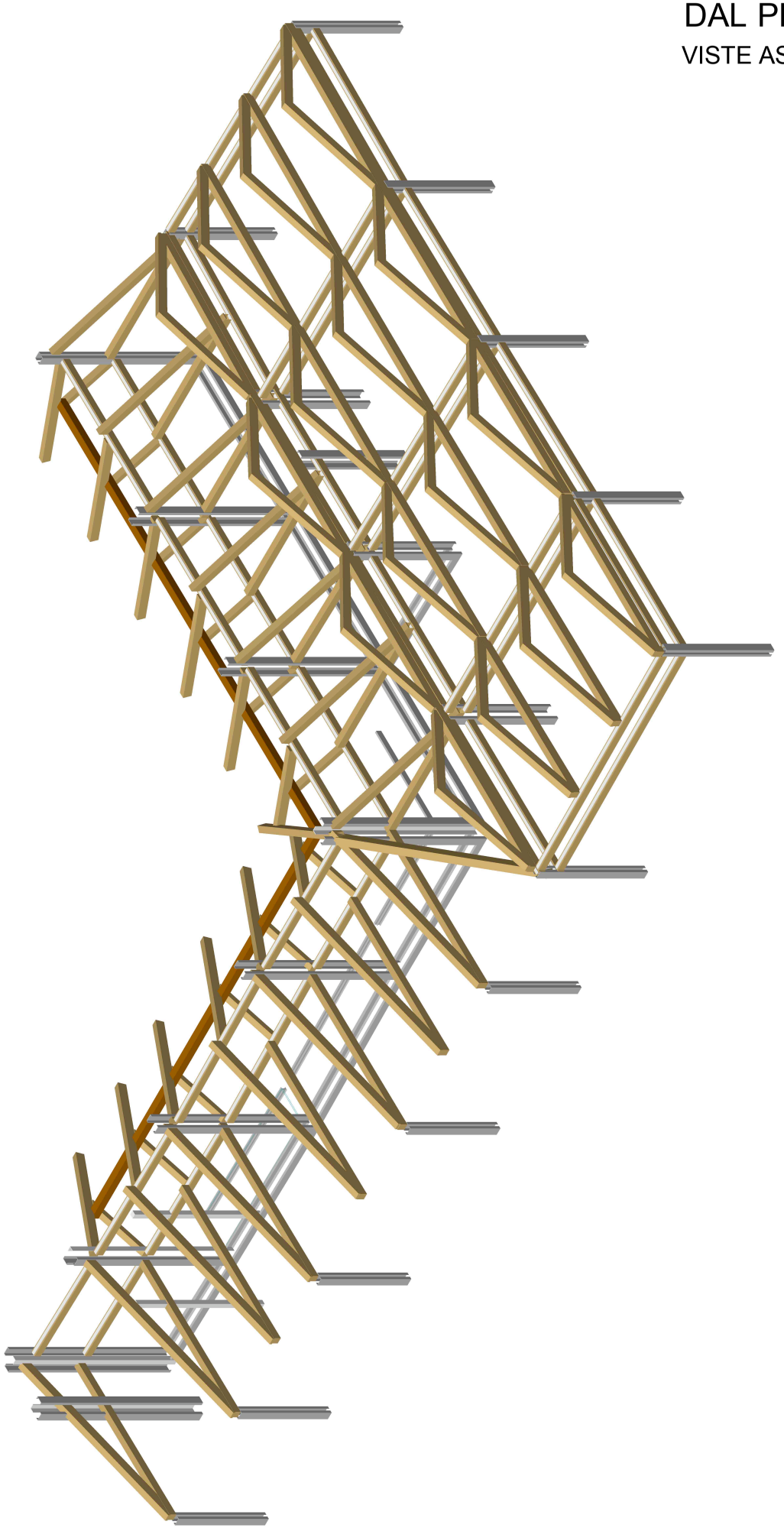
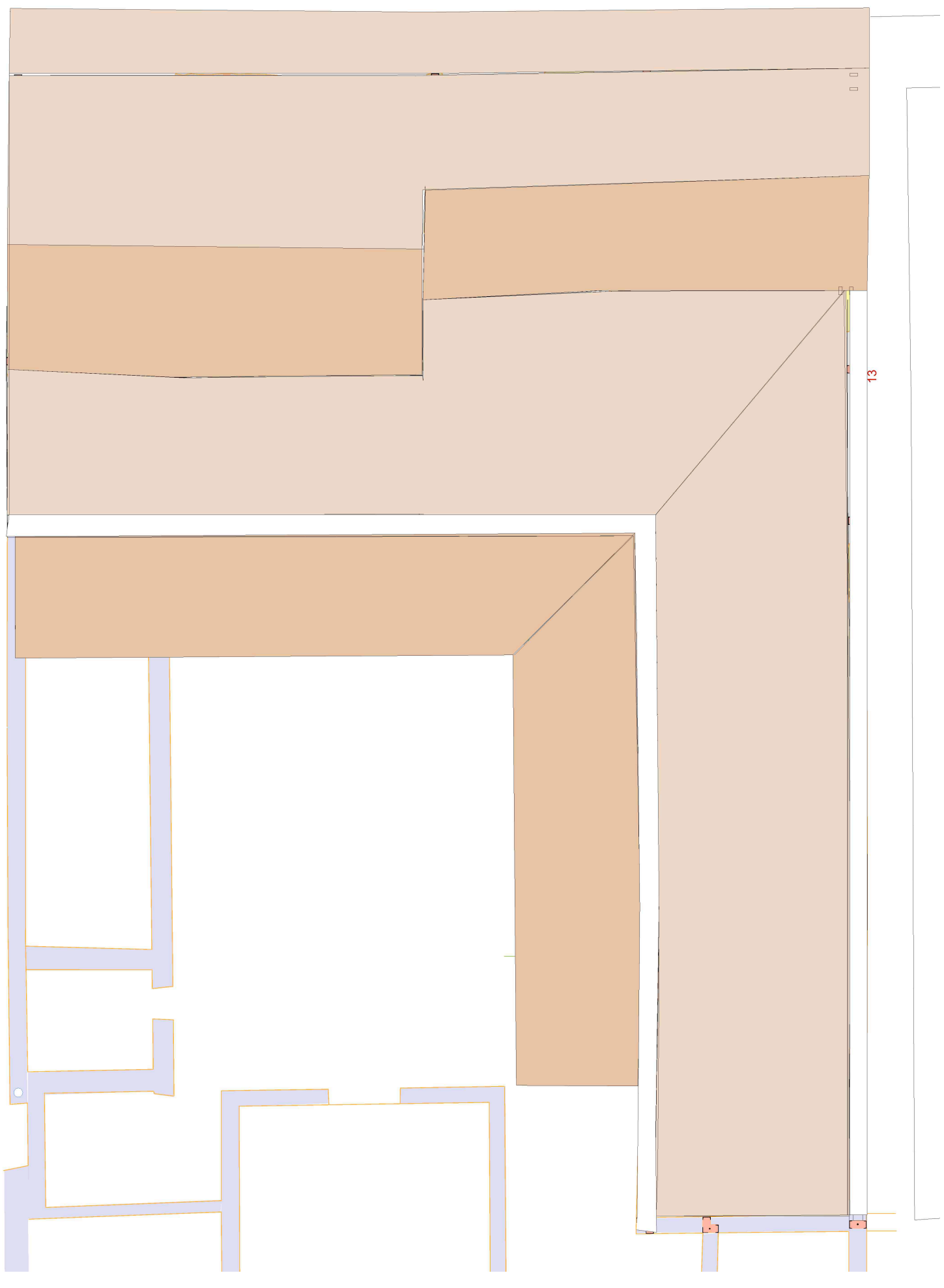


FIG. 9 SOLUZIONE AD "AULA"
CON COPERTURE SFALSATE
PIANTA E VISTA ASSONOMETRICA



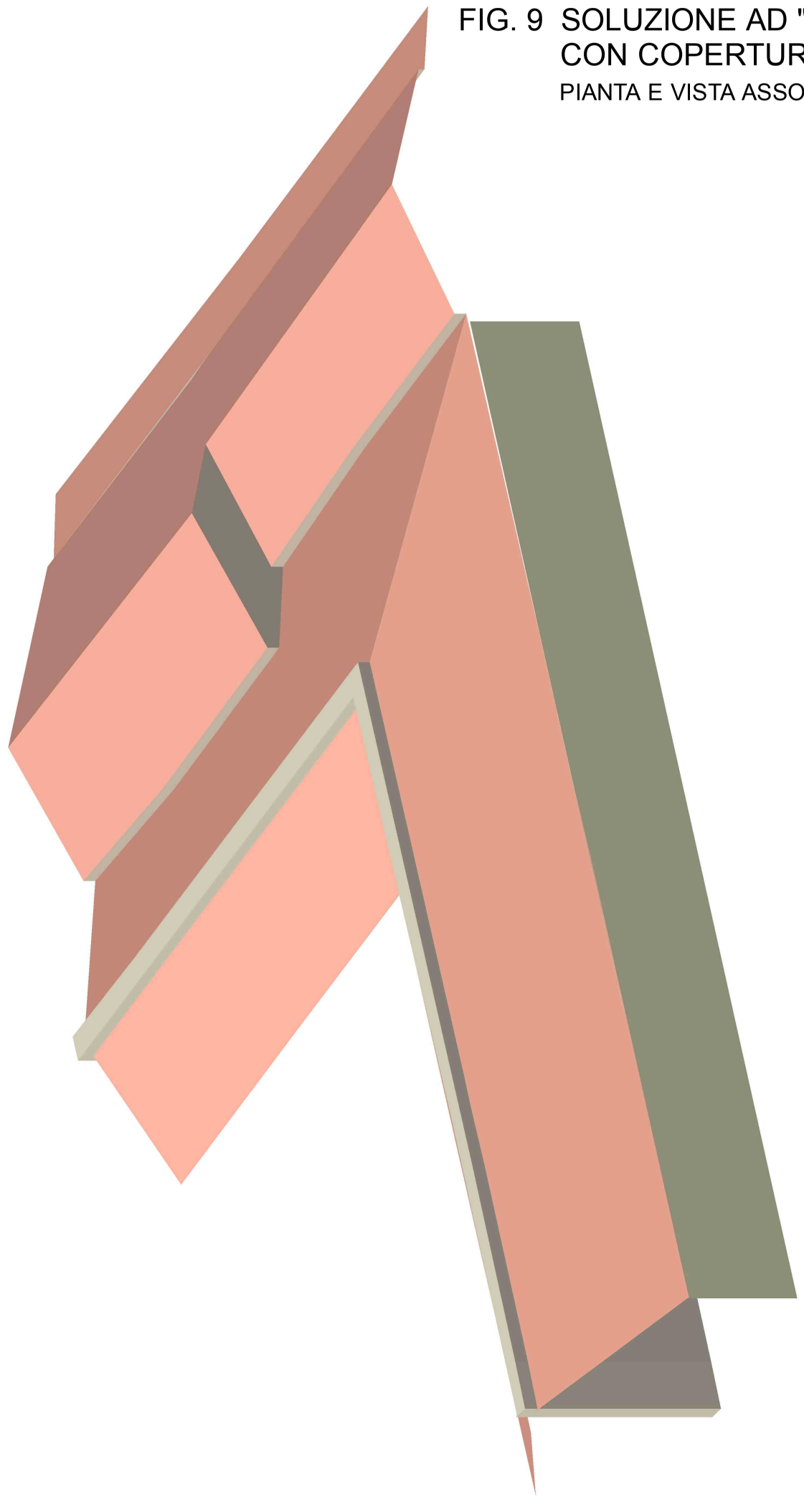
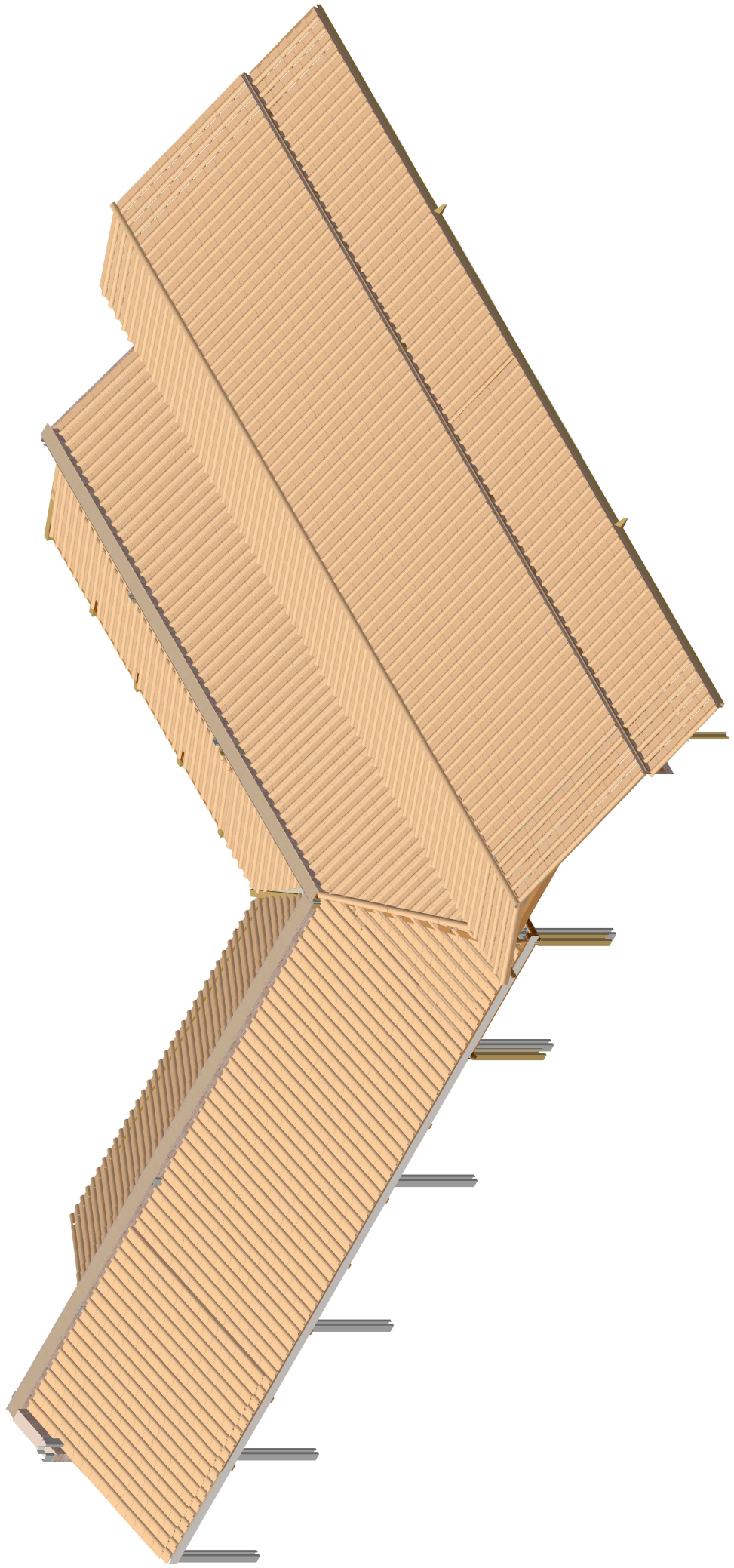
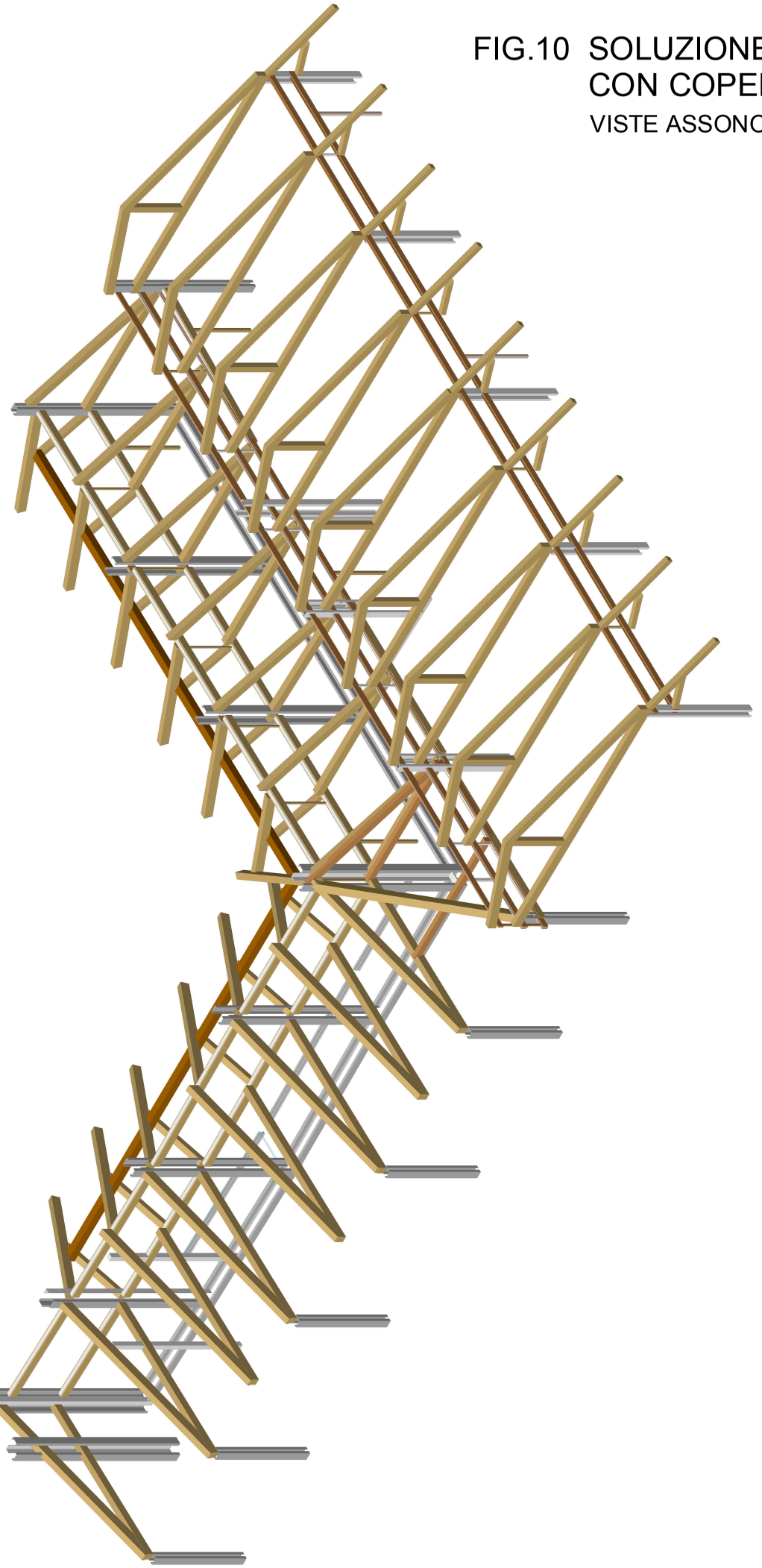
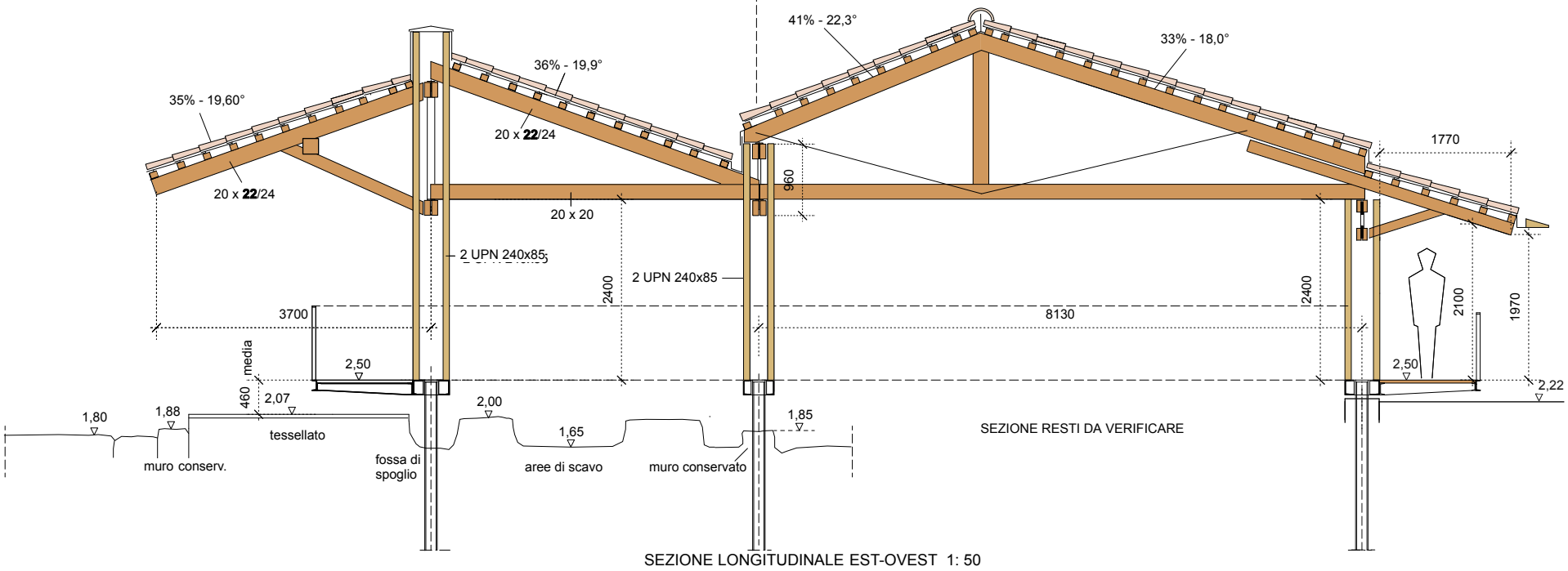


FIG.10 SOLUZIONE AD "AULA"
CON COPERTURA UNITARIA
VISTE ASSONOMETRICHE



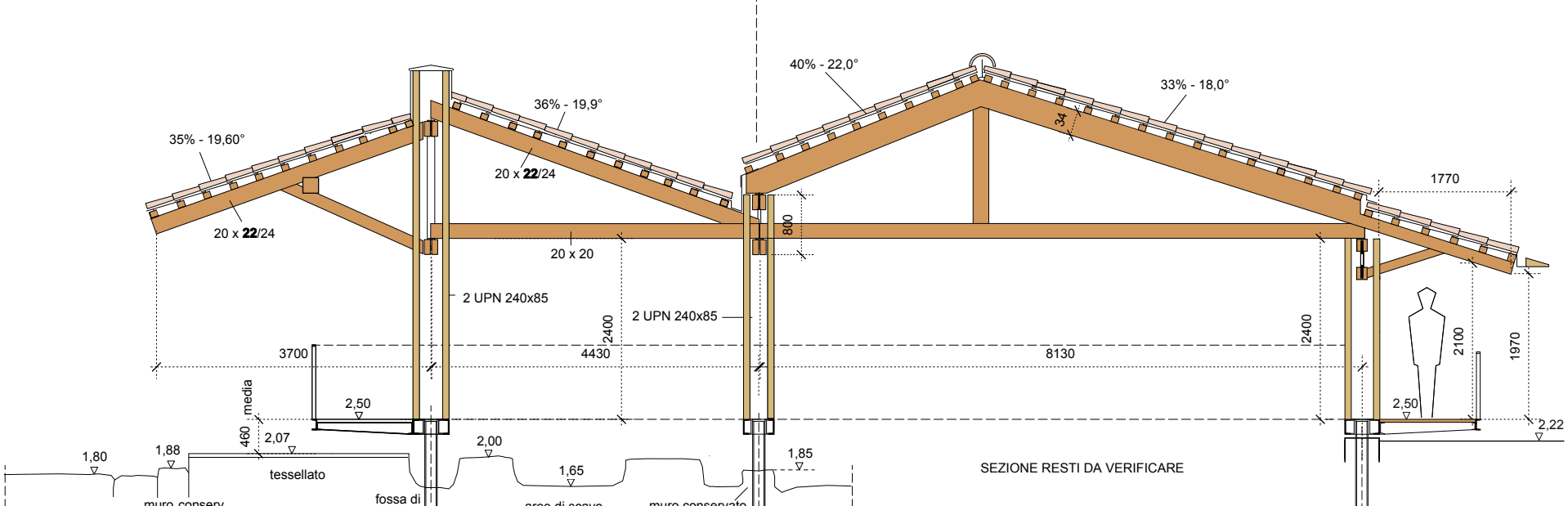


MODELLO ESECUTIVO A "L" ⟷ "BOTTEGHE" DA PROGETTO DEFINITIVO- IPOTESI 1



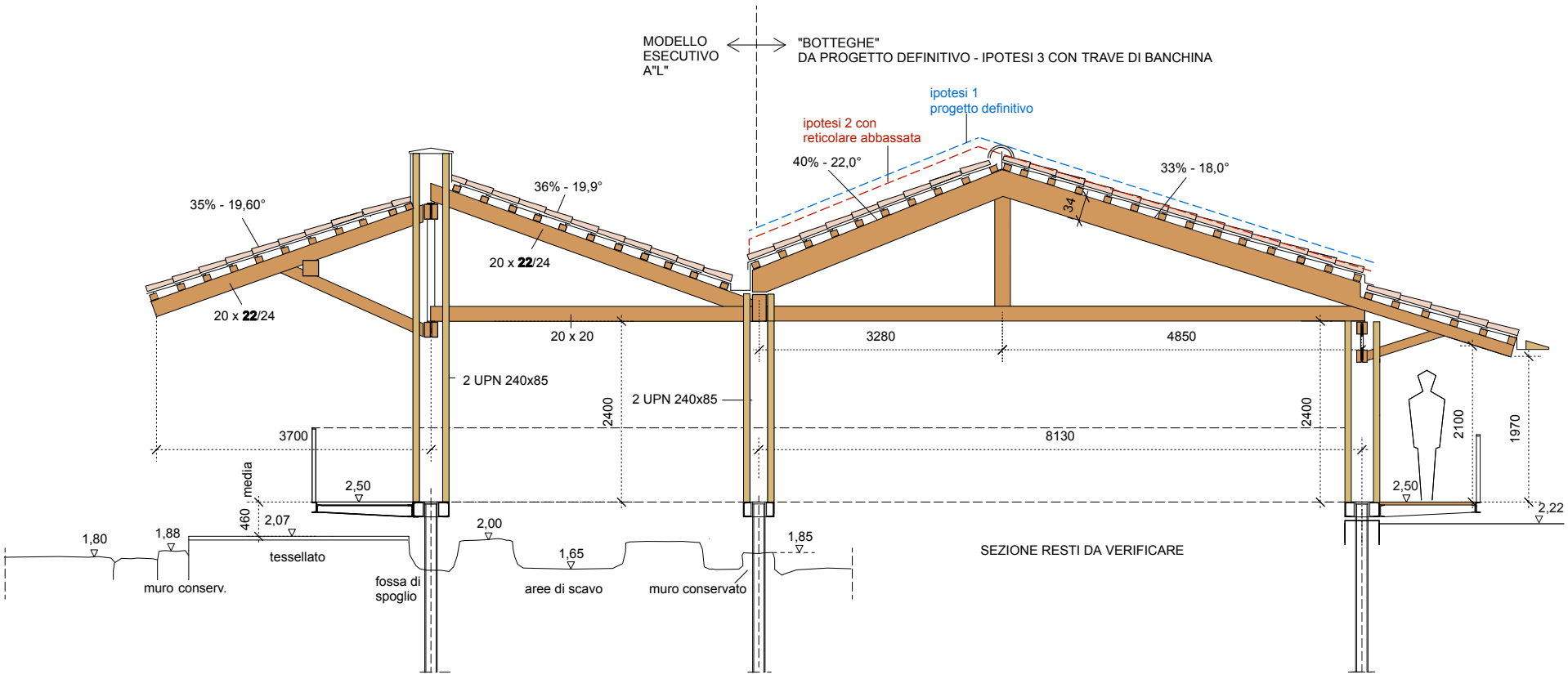
SEZIONE LONGITUDINALE EST-OVEST 1: 50

MODELLO ESECUTIVO A "L" ⟷ "BOTTEGHE" DA PROGETTO DEFINITIVO - IPOTESI 2 CON RETICOLARE ABBASSATA



SEZIONE LONGITUDINALE EST-OVEST 1: 50

MODELLO ESECUTIVO A"L" ⟷ "BOTTEGHE" DA PROGETTO DEFINITIVO - IPOTESI 3 CON TRAVE DI BANCHINA



SEZIONE LONGITUDINALE EST-OVEST 1: 50

(con trave di banchina unica - ipotesi più bassa in assoluto)

FIG.11 SOLUZIONE AD "AULA" CON COPERTURA UNITARIA: IPOTESI DI CAPRIATA

SEZIONI TRASVERSALI

FIG.12 VISTA PROSPETTICA DELLA SOLUZIONE ADOTTATA

IPOTESI "ALTA" DAL PROGETTO DEFINITIVO

FIG. 13 LA "DOPPIA GEOMETRIA" IN COPERTURA

PIANTA 1: 100

STRUTTURA DI PROTEZIONE SU PIANTA DEI RESTI ARCHEOLOGICI:
SVILUPPO DEL PROGETTO ESECUTIVO DAL PROGETTO DEFINITIVO

MISURE E QUOTE INDICATIVE DA VERIFICARE IN CANTIERE, PREVIO RILIEVO A CURA DELL'IMPRESA

PILASTRI A FORCELLA

PILASTRI ANGOLARI

ANDAMENTO TRAVI RETICOLARI (ASSE DI GEOMETRIA)
(CFR. PIANTA STRUTTURE)

PASSERELLA INTERNA SOPRAELEVATA CON STRUTTURA IN ACCIAIO E PANNELLI DI VETRO STRATIFICATO CON CONDOTTE IMPIANTISTICHE SOTTOSTANTI
(PREVISIONE PROGETTO DEFINITIVO - QUOTA CALPESTIO 2,60)

PASSERELLA ESTERNA SOPRAELEVATA CON STRUTTURA IN ACCIAIO E PIANO DI CALPESTIO IN ASSI DI LEGNO DI ROVERE O ANALOGO E CONDOTTE IMPIANTISTICHE SOTTOSTANTI
(PREVISIONE PROGETTO DEFINITIVO - QUOTA CALPESTIO 2.60)

PLUVIALI DI SCARICO ACQUE METEO Ø LORDO 90 MM (IPOTESI PROG. DEFINITIVO)

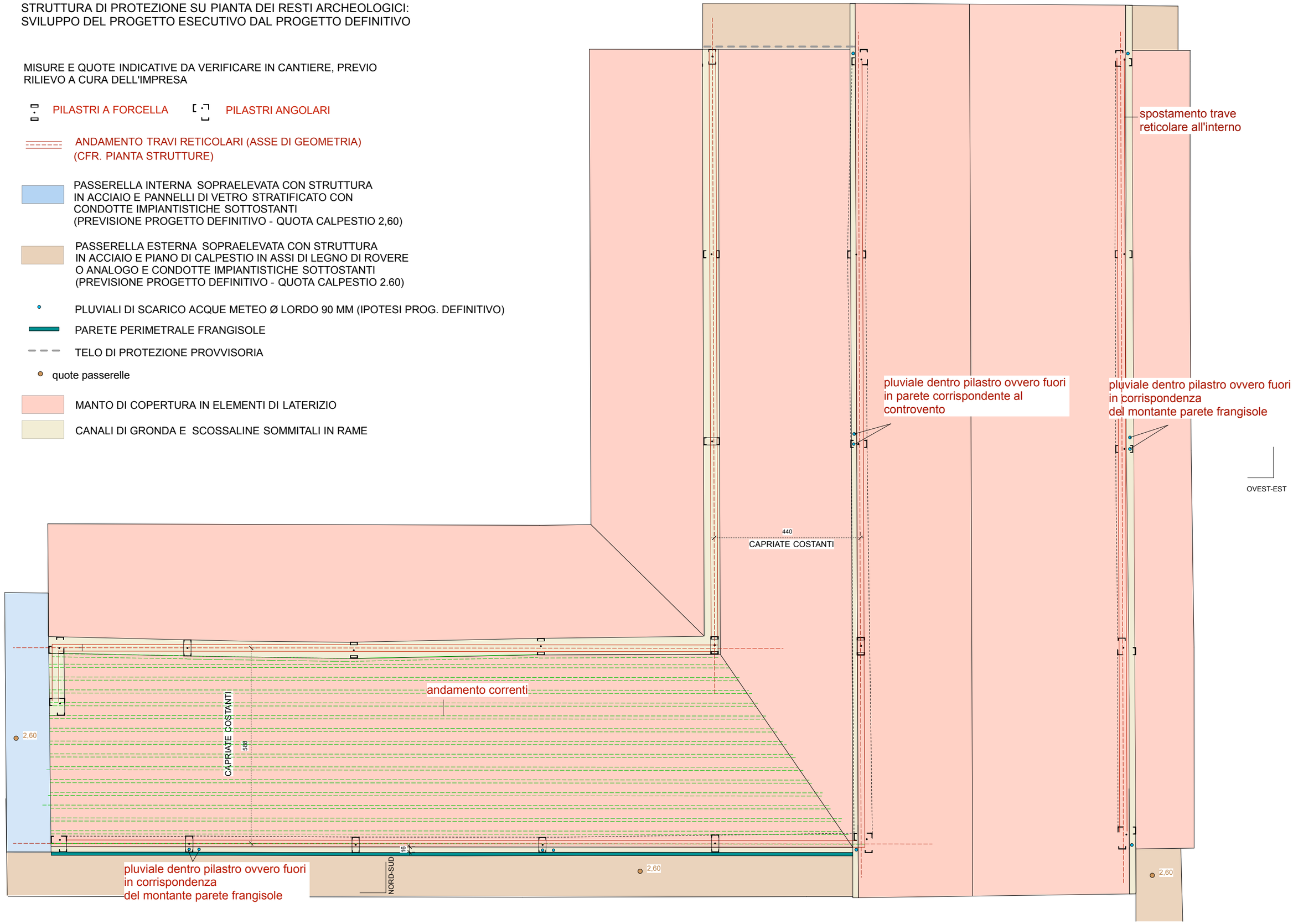
PARETE PERIMETRALE FRANGISOLE

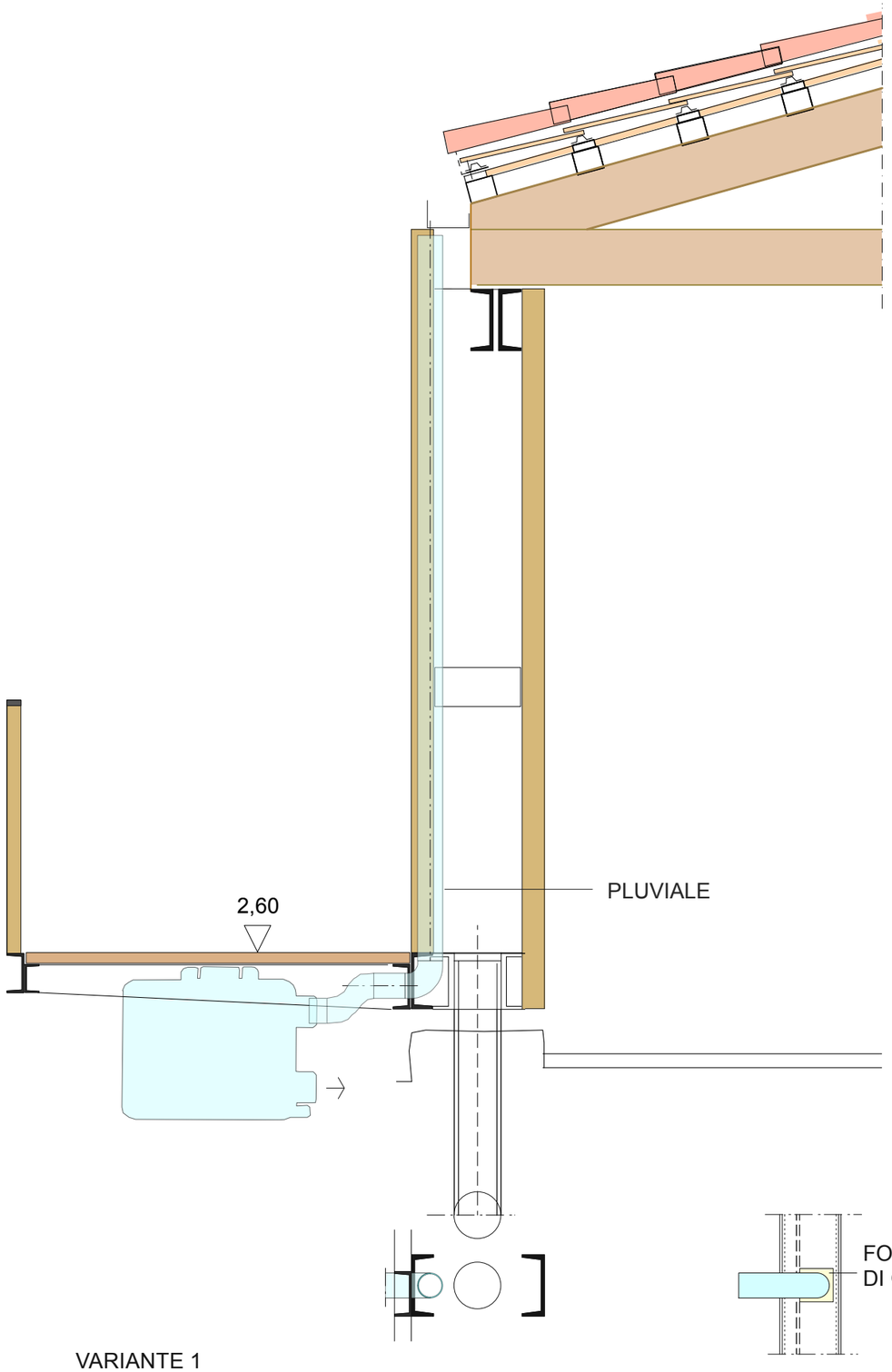
TELO DI PROTEZIONE PROVVISORIA

quote passerelle

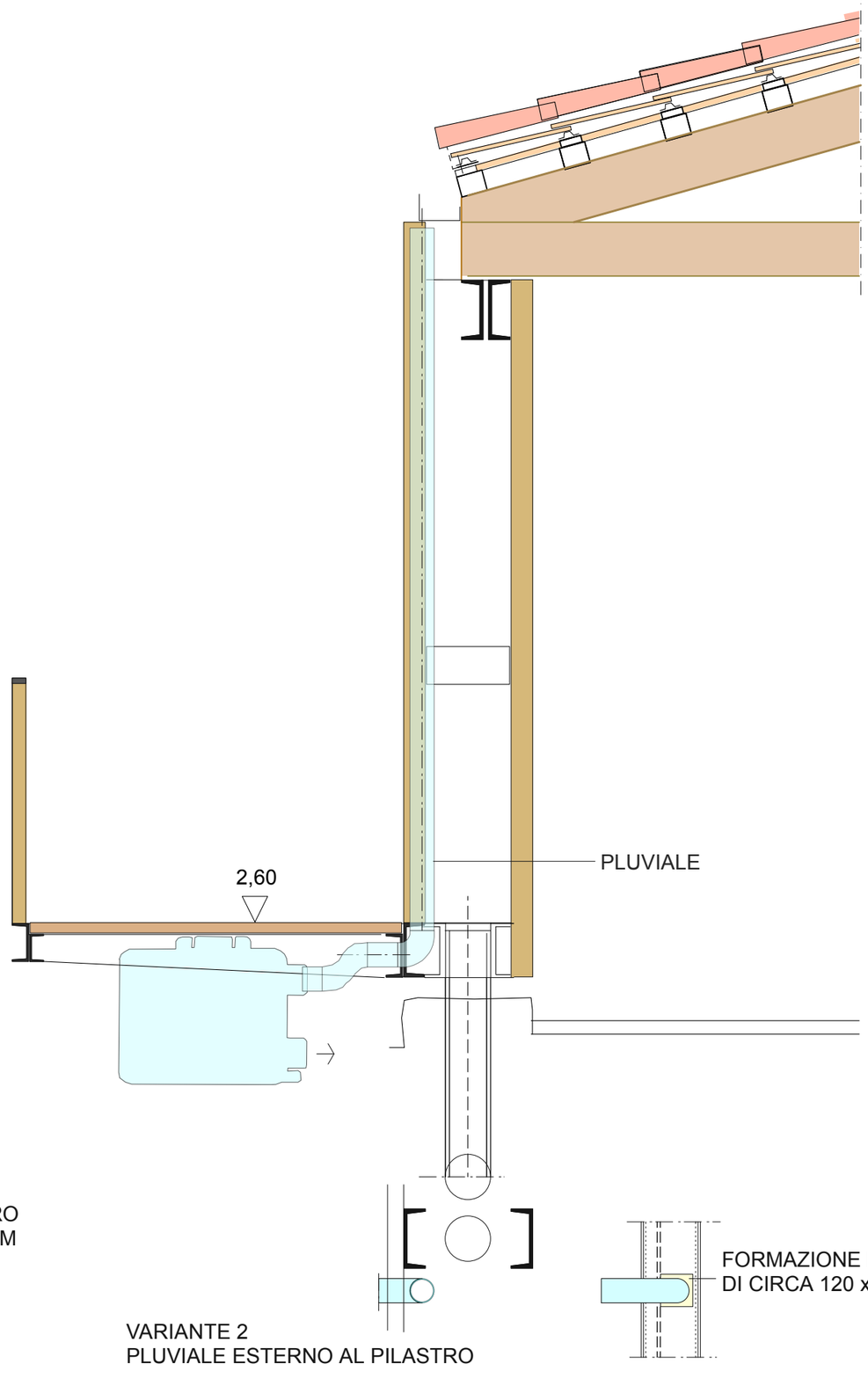
MANTO DI COPERTURA IN ELEMENTI DI LATERIZIO

CANALI DI GRONDA E SCOSSALINE SOMMITALI IN RAME





VARIANTE 1
PLUVIALE INTERNO AL PILASTRO



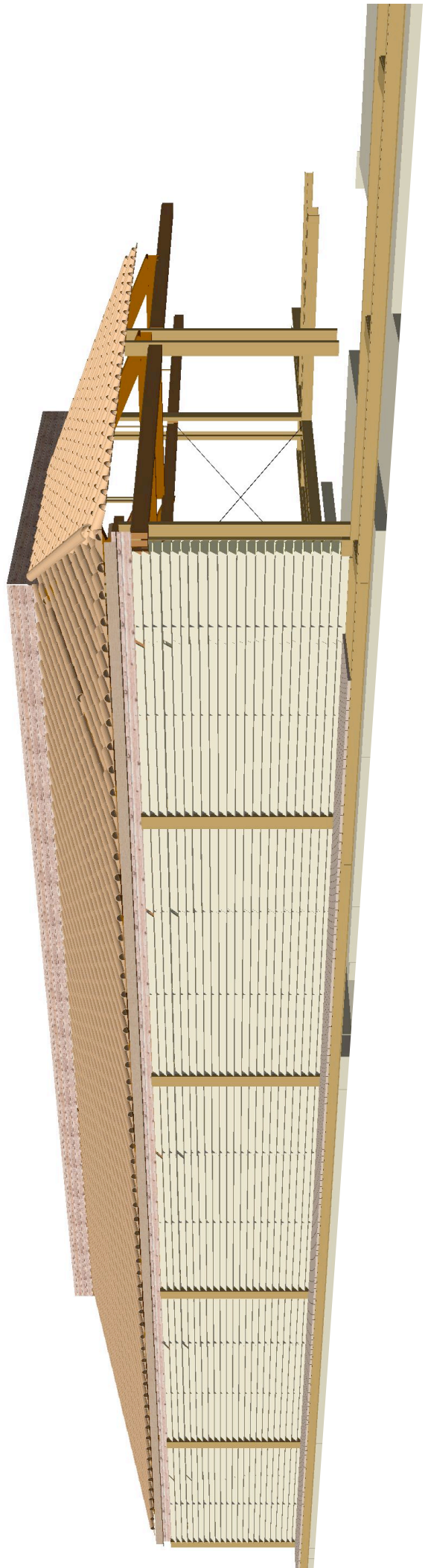
VARIANTE 2
PLUVIALE ESTERNO AL PILASTRO

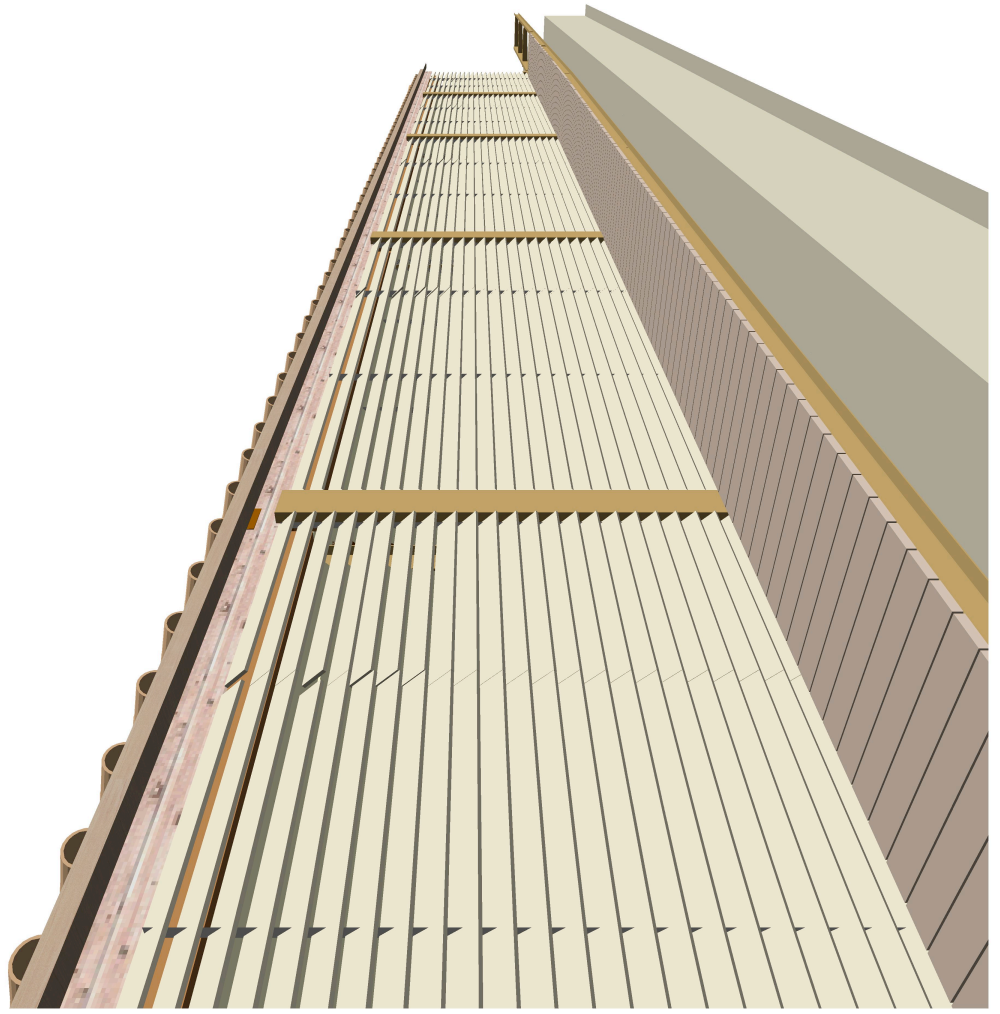
FIG. 14 POSIZIONE DEI PLUVIALI: SOLUZIONI DI PROGETTO

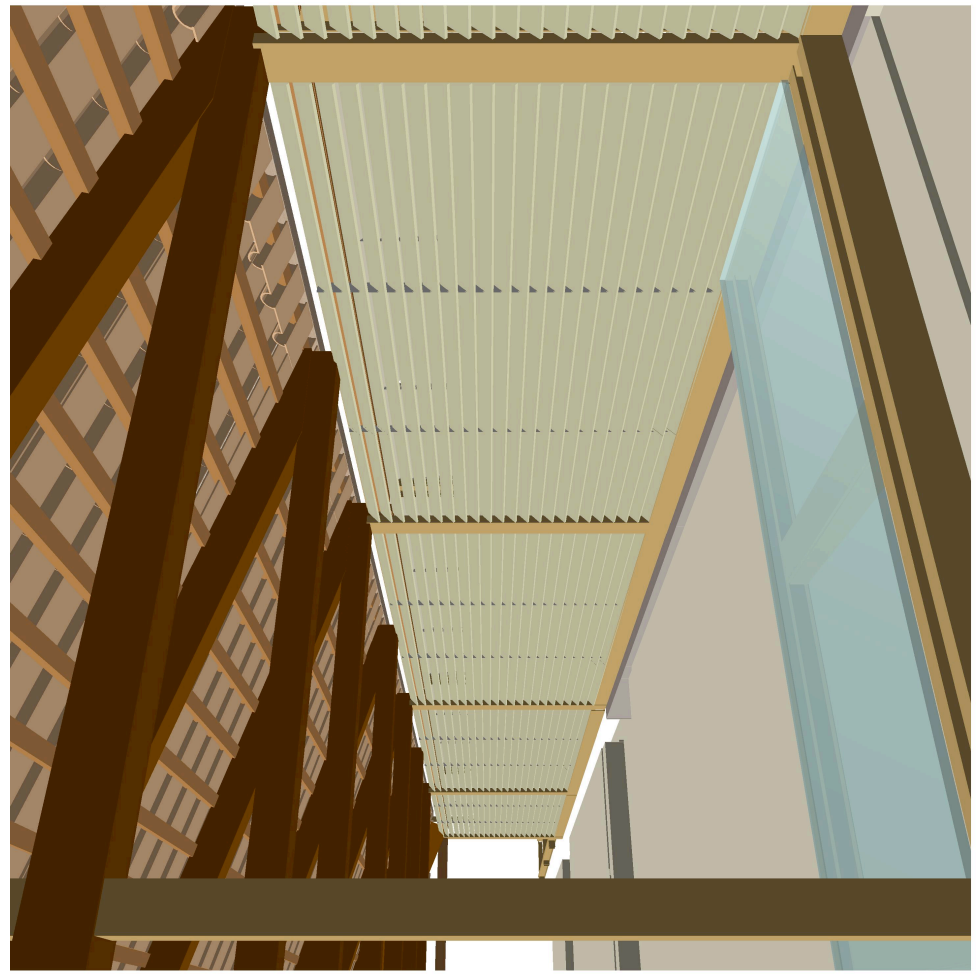
SEZIONI

FIG. 15 PARETE PERIMETRALE IPOTESI TUTTA INTERNA

PIANTA, SEZIONE E VISTE PROSPETTICHE







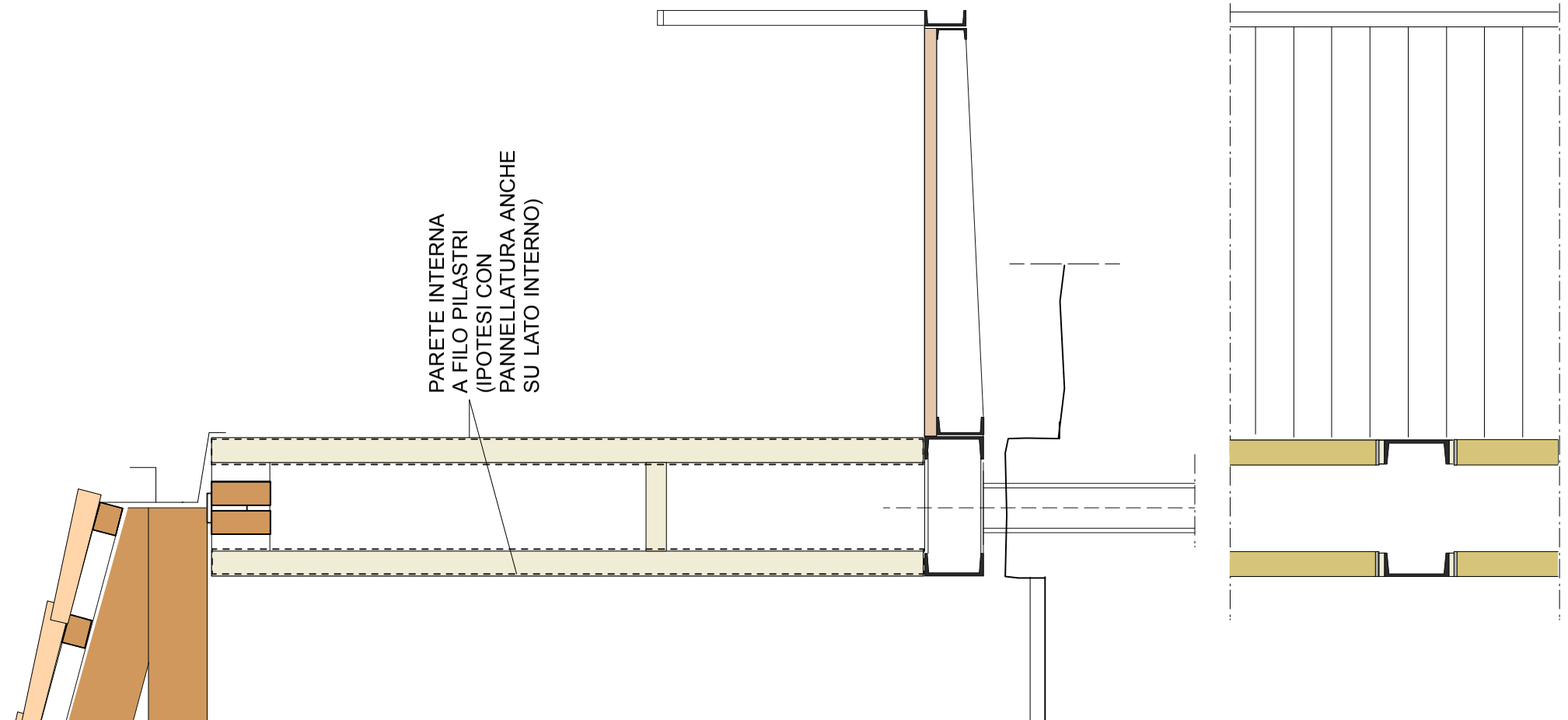
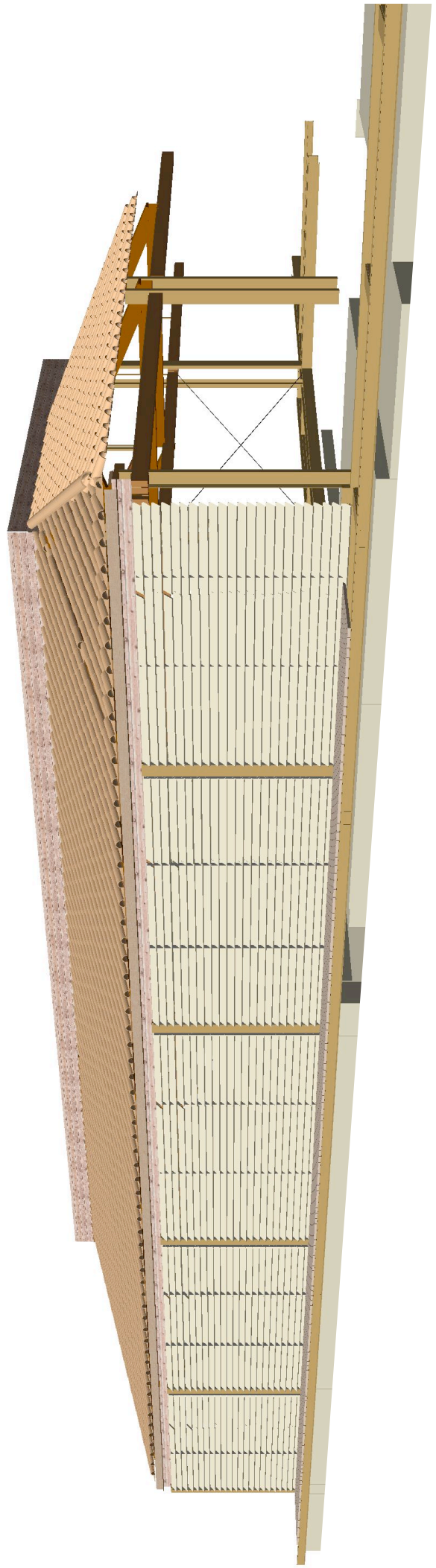
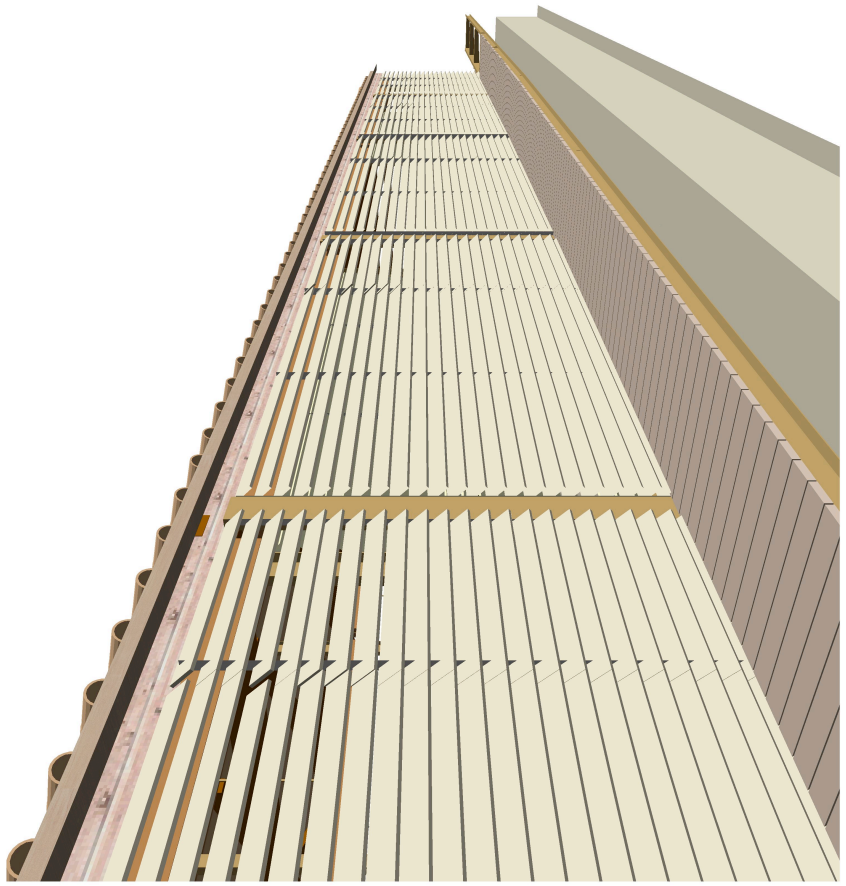
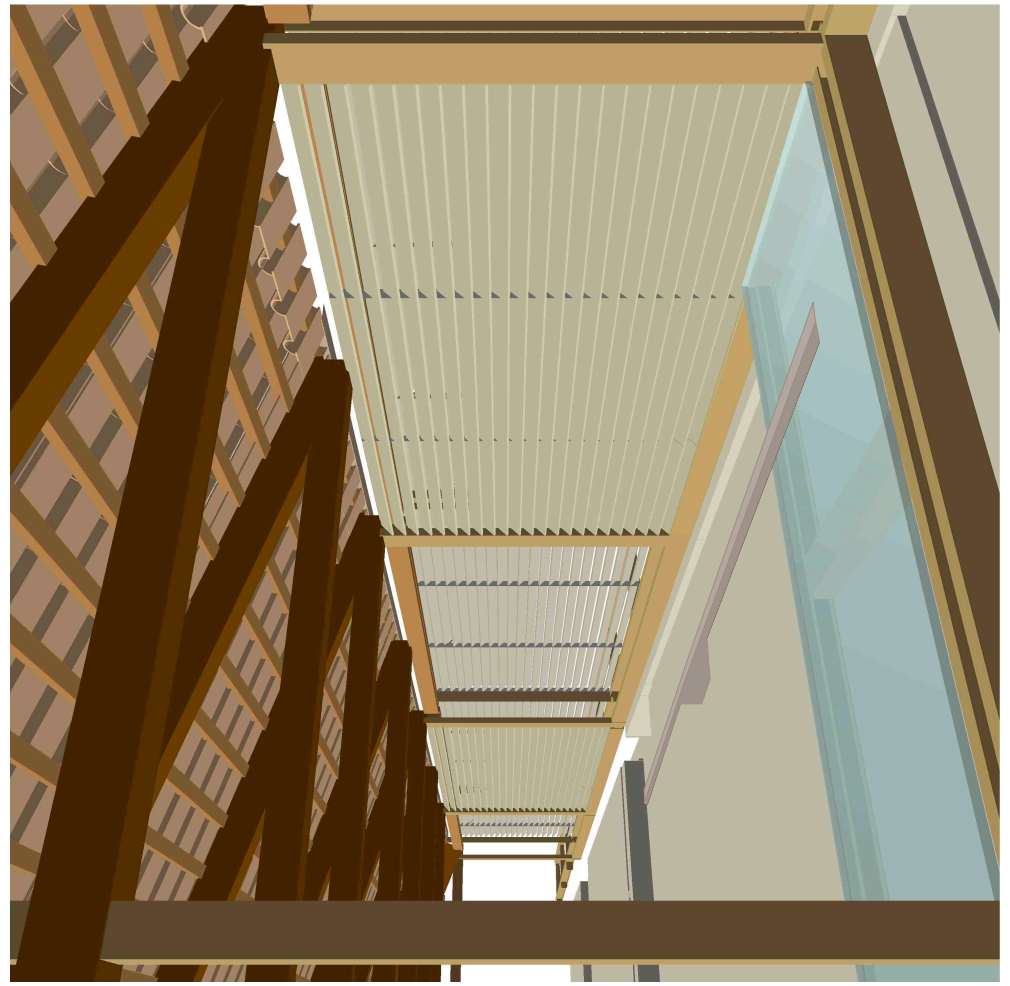


FIG. 16 PARETE PERIMETRALE
IPOTESI SEMI-ESTERNA

PIANTA, SEZIONE E VISTE PROSPETTICHE







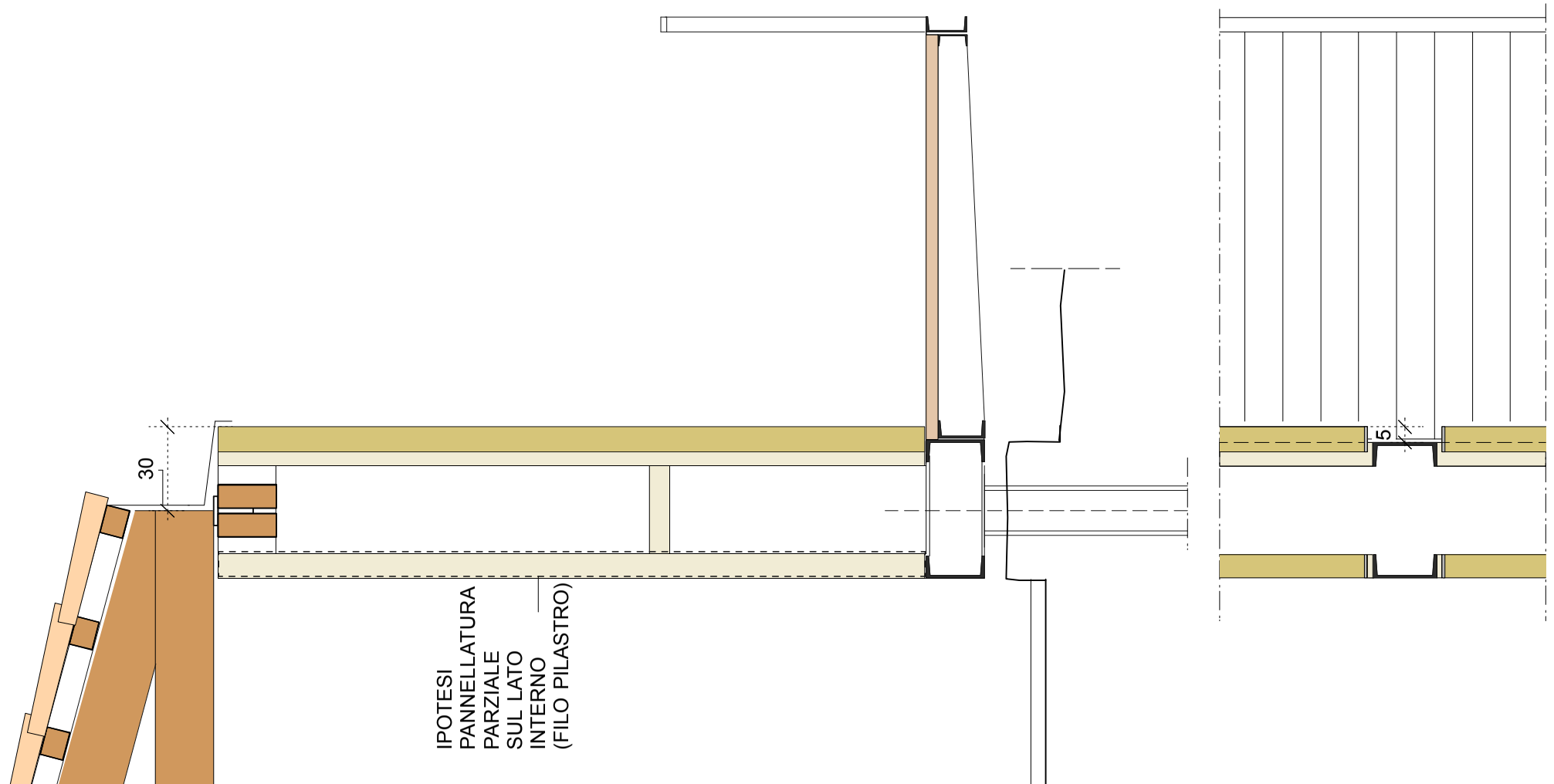
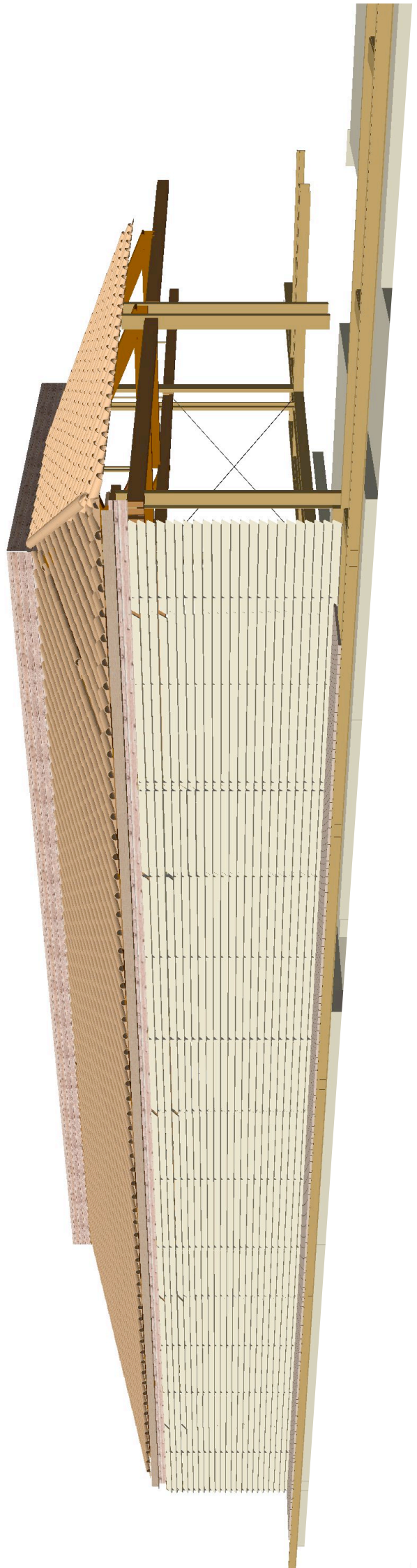
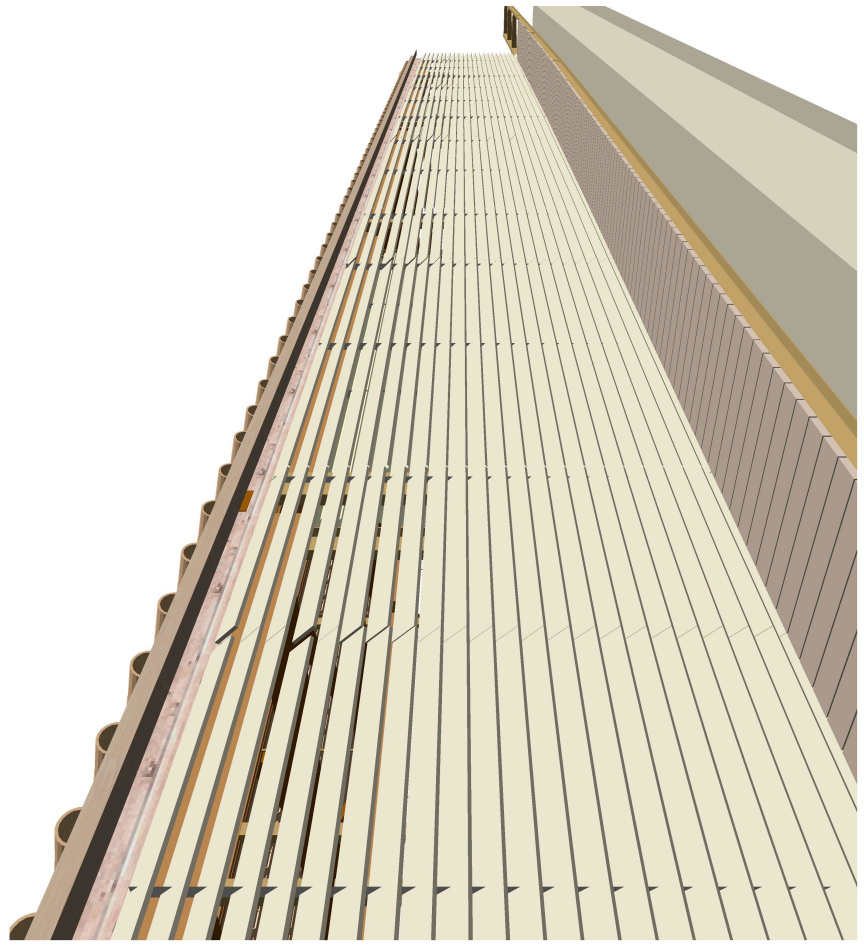
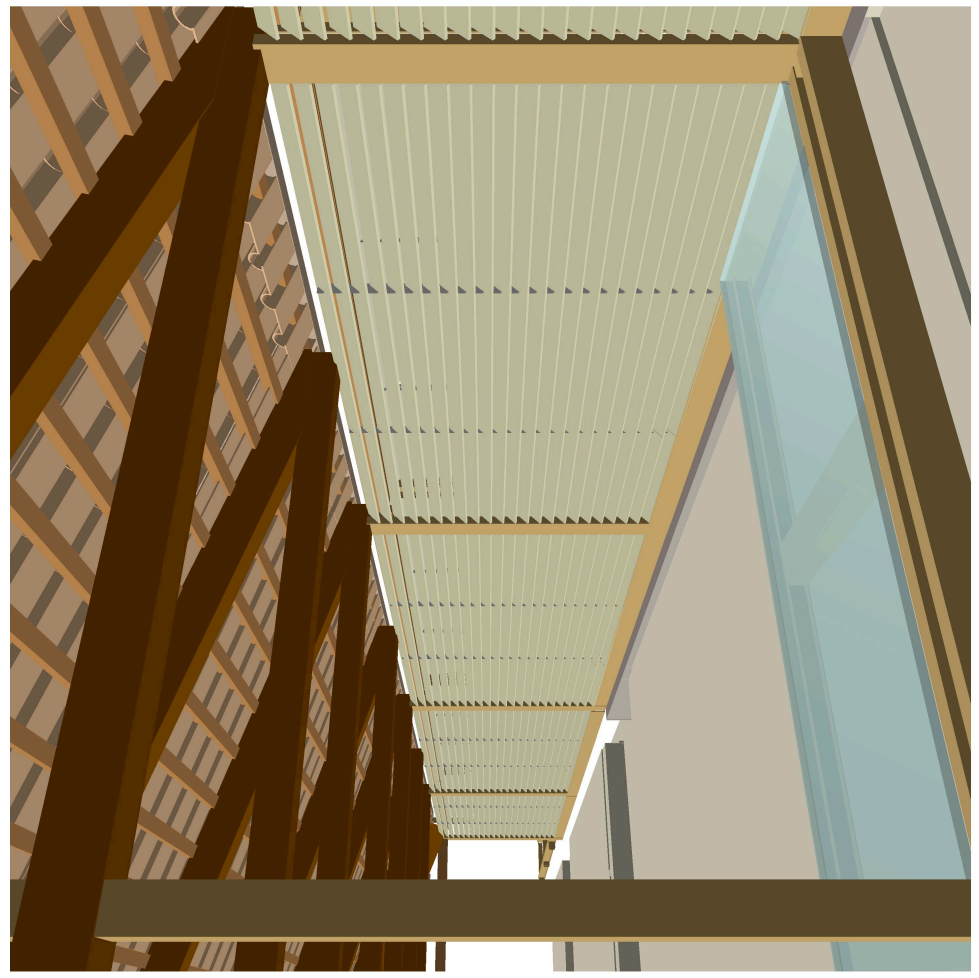


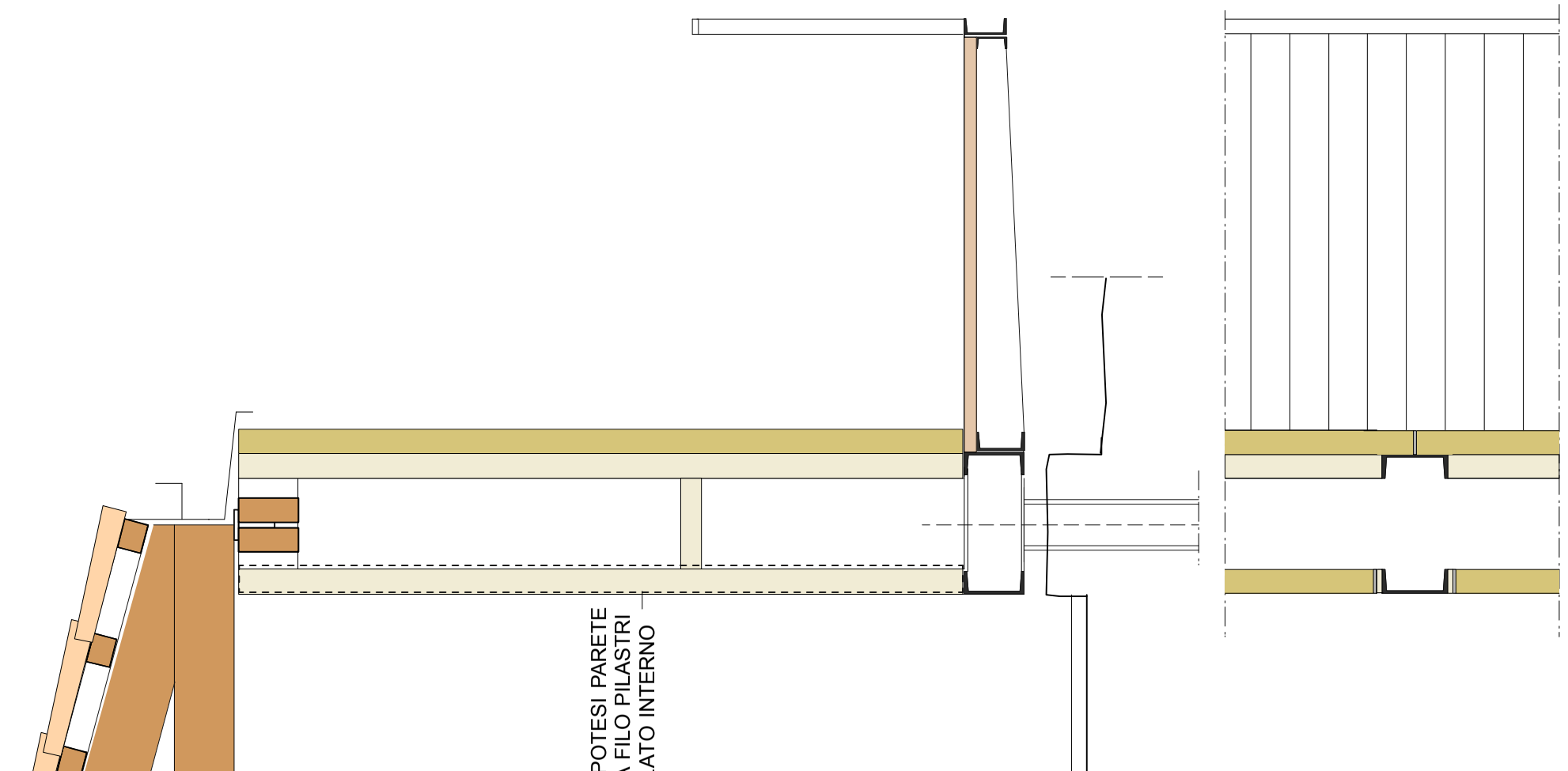
FIG. 17 PARETE PERIMETRALE IPOTESI TUTTA ESTERNA

PIANTA, SEZIONE E VISTE PROSPETTICHE

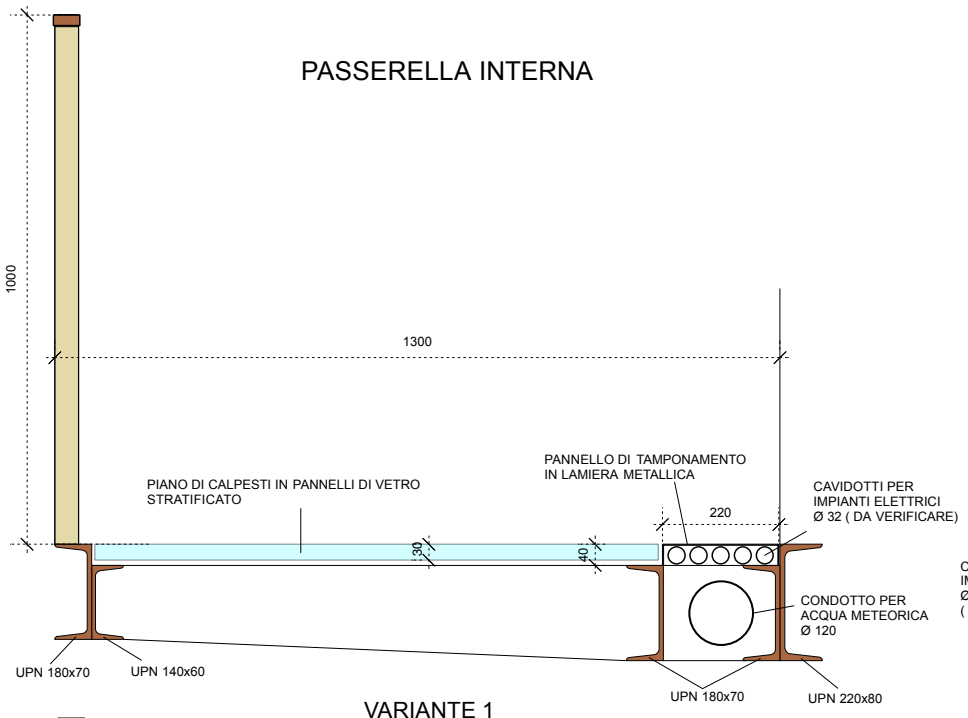




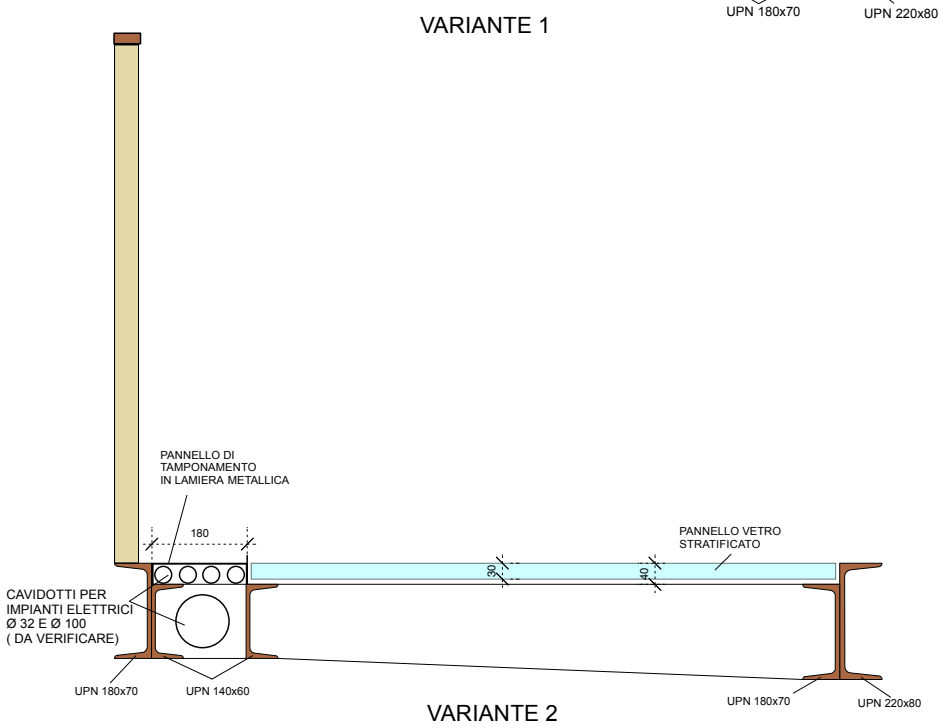




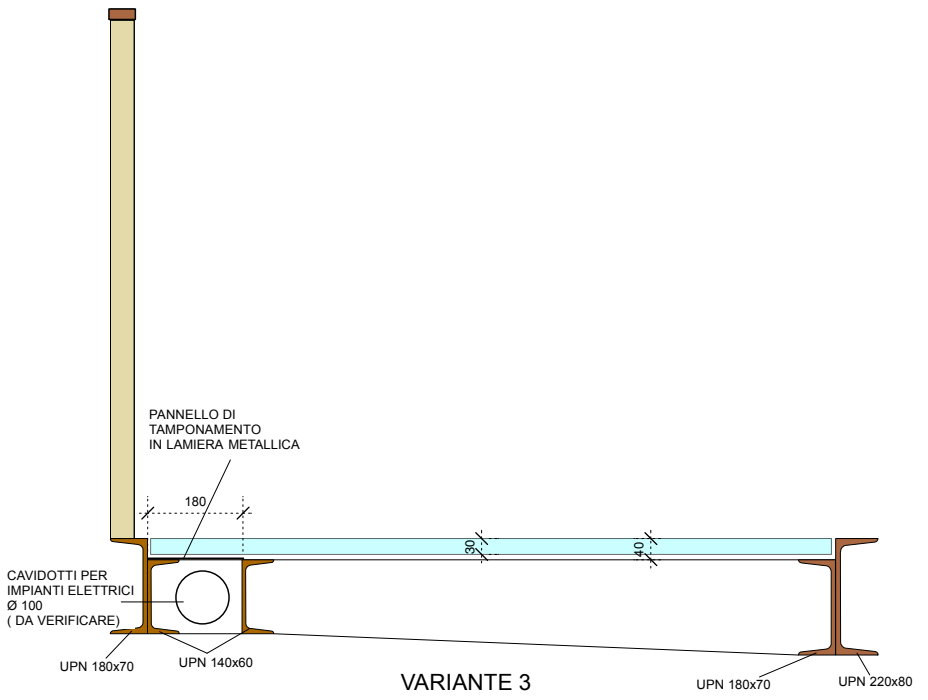
PASSERELLA INTERNA



VARIANTE 1

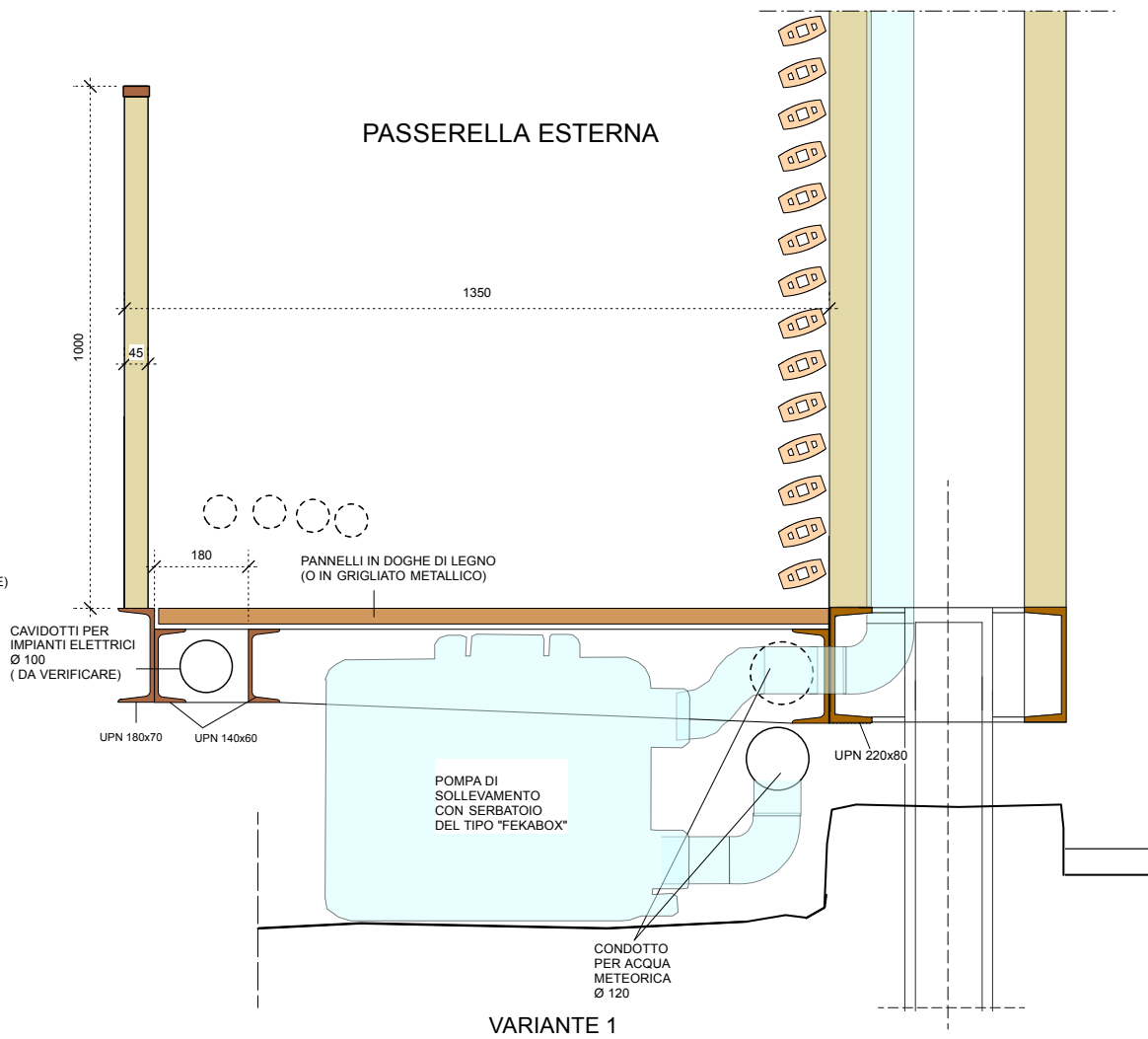


VARIANTE 2



VARIANTE 3

PASSERELLA ESTERNA



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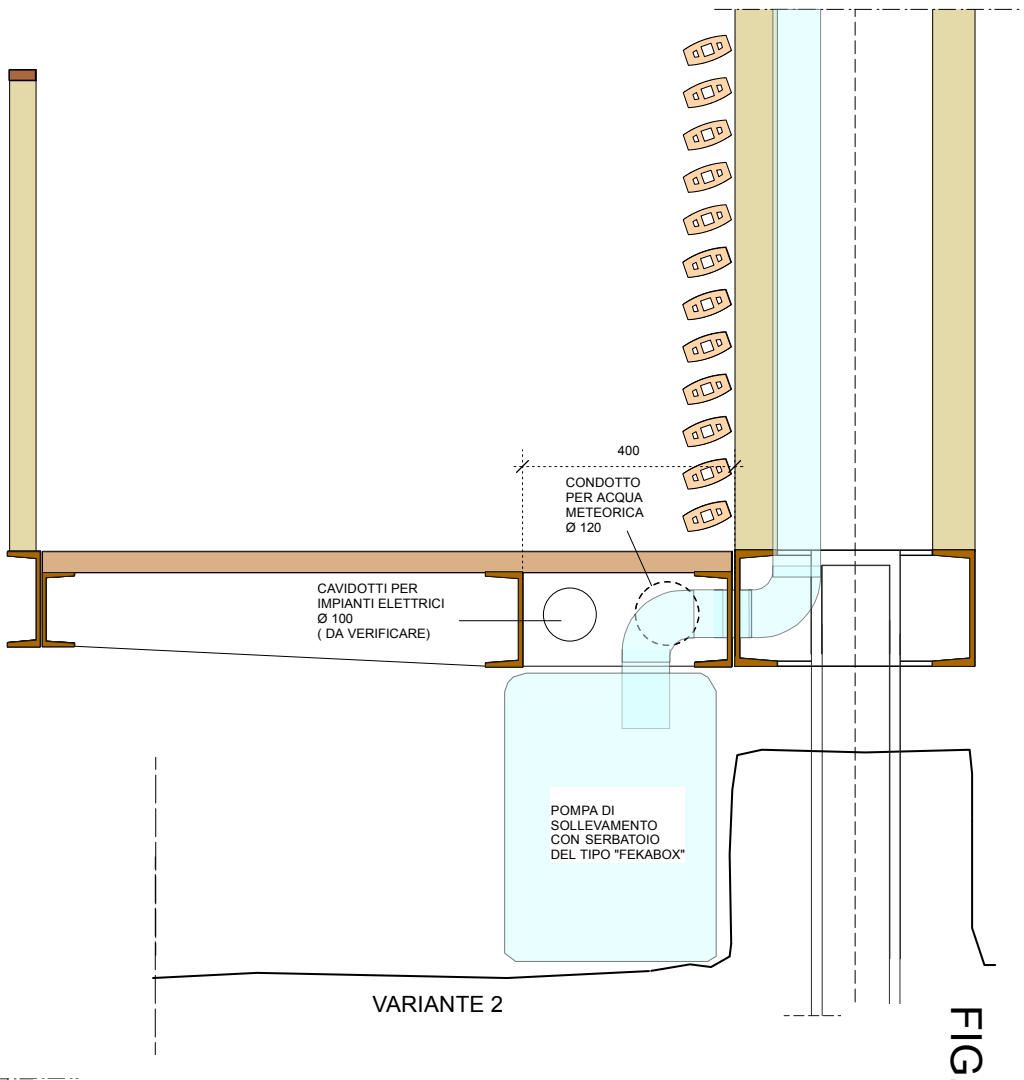


VARIANTE 2

PASSERELLA INTERNA
IN ASSE - USCITA DI SICUREZZA

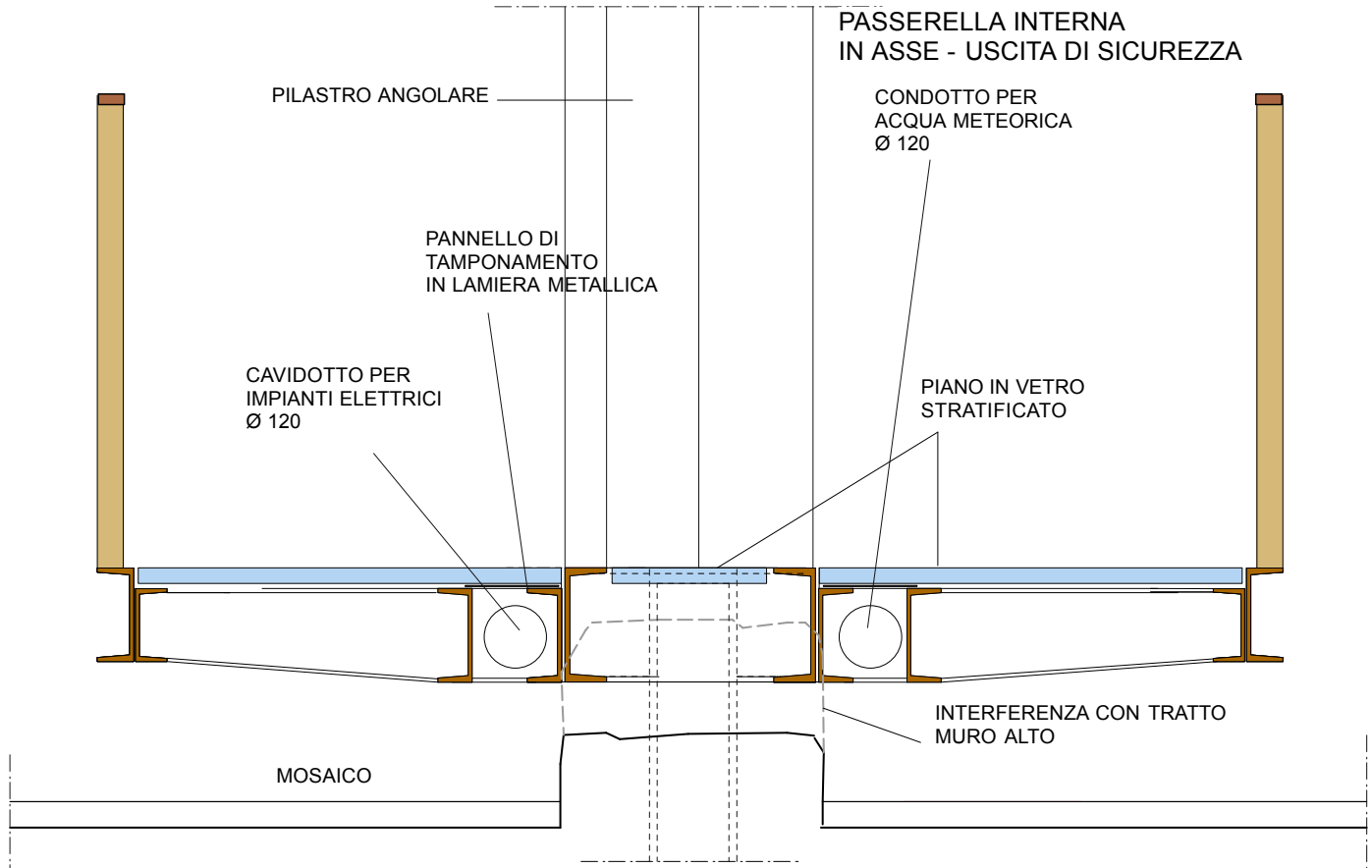
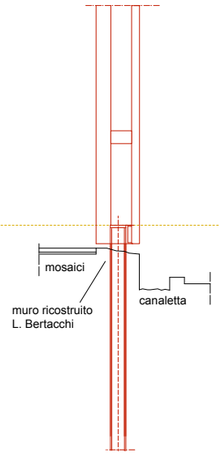


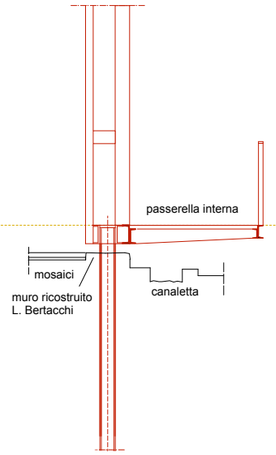
FIG.18 PER UN ABACO DELLE PASSERELLE:
IPOTESI PRELIMINARI
SEZIONI TRASVERSALI

FIG.19 PER UN ABACO DEI PILASTRI: L'ATTACCO A TERRA

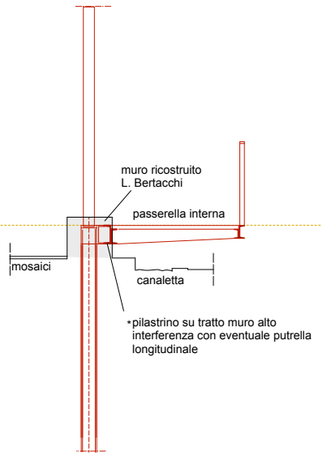
SEZIONI



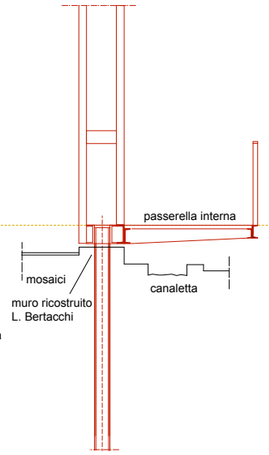
1 pilastro interno angolare



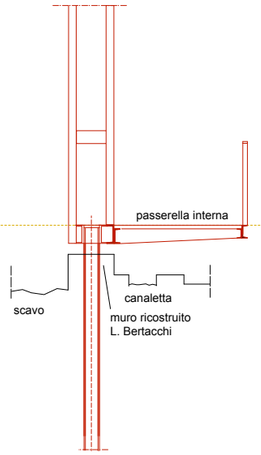
2 pilastro interno angolare



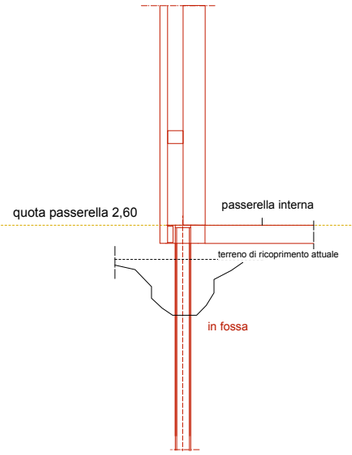
2a pilastrino interno
event. controvento



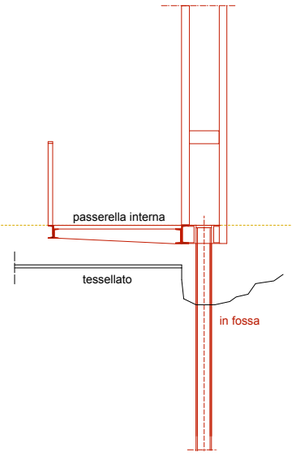
3 pilastro interno a forcella



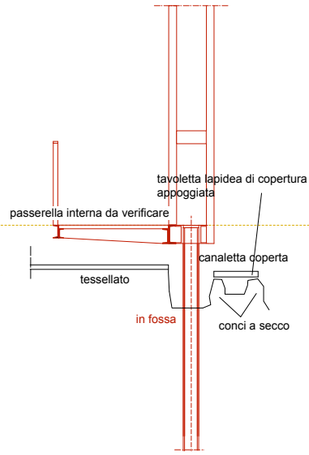
4 pilastro interno a forcella



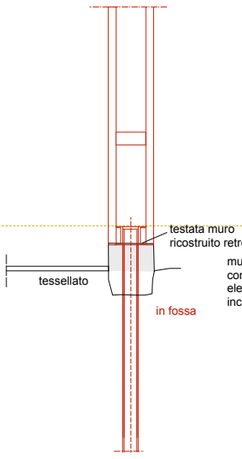
5 pilastro interno angolare



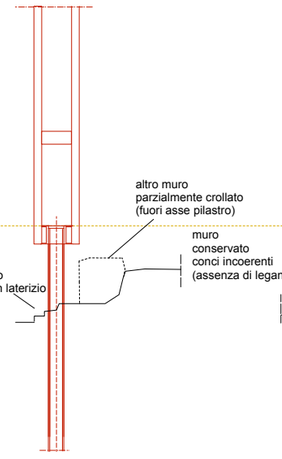
6 pilastro interno a forcella



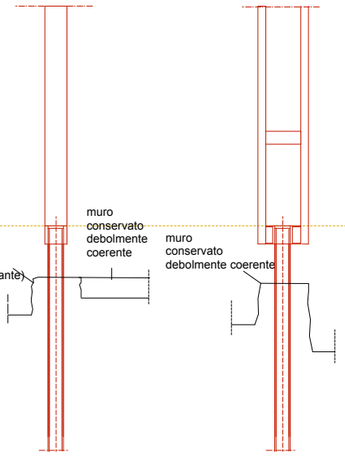
7 pilastro interno a forcella



8 pilastro perimetrale a forcella

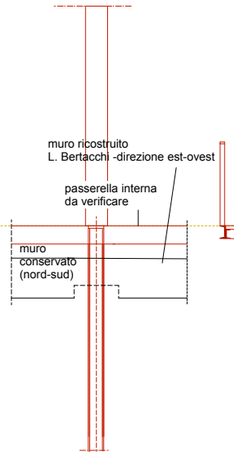


9 pilastro perimetrale a forcella

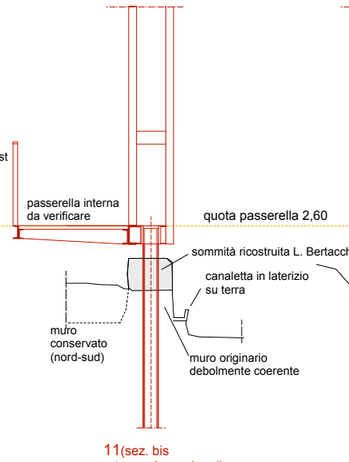


10 pilastro interno a forcella

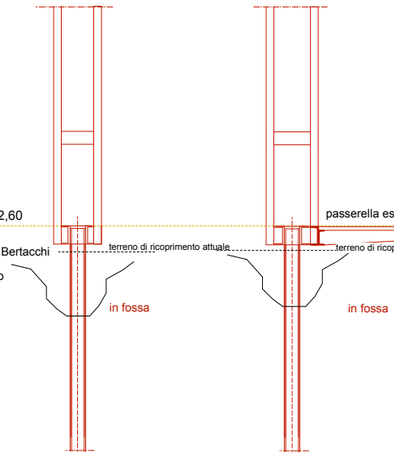
10a pilastro interno a forcella



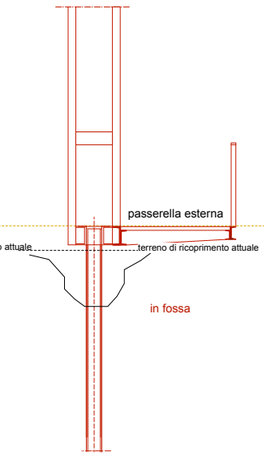
11 (sez. est-ovest)
pilastro interno a forcella



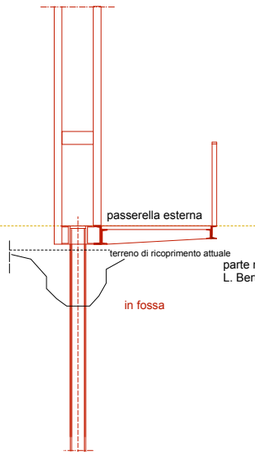
11(sez. bis
ortogonale nord-sud)
pilastro interno a forcella



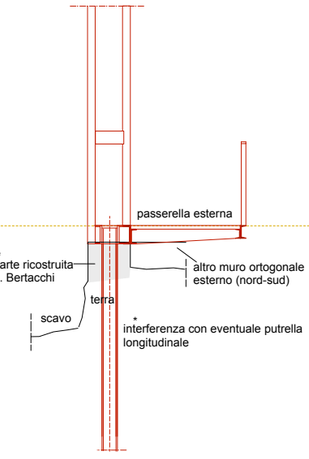
12 pilastro interno a forcella



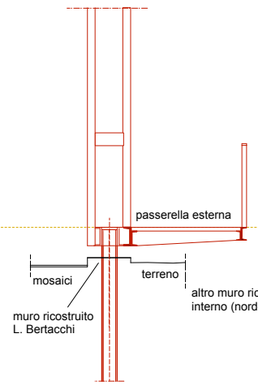
13 pilastro perimetrale
a forcella



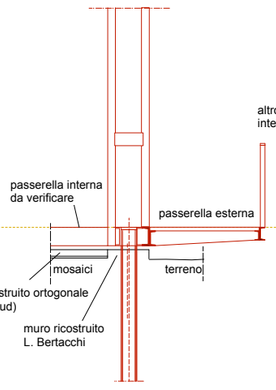
14 pilastro perimetrale
a forcella



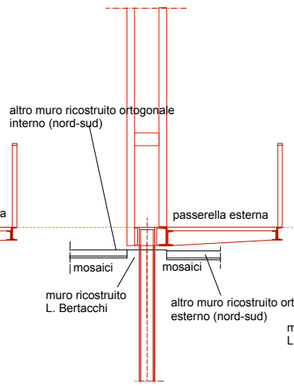
15 pilastro perimetrale
a forcella



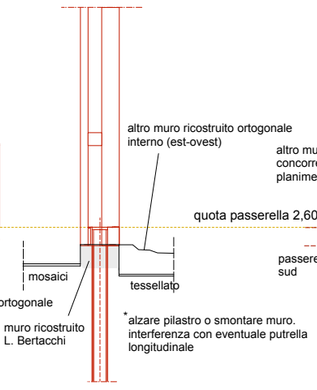
16 pilastro perimetrale
a forcella



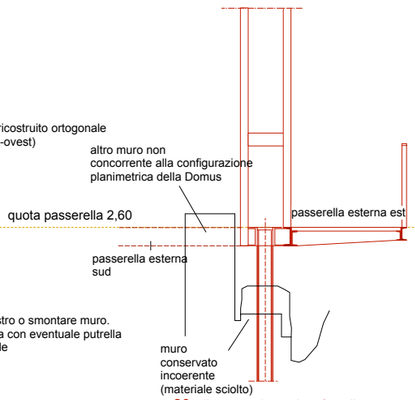
17 pilastro perimetrale
a forcella



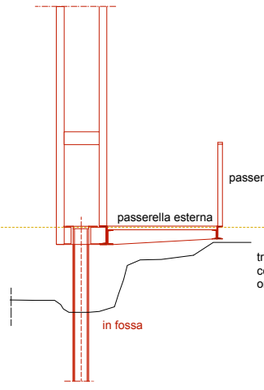
18 pilastro perimetrale
a forcella



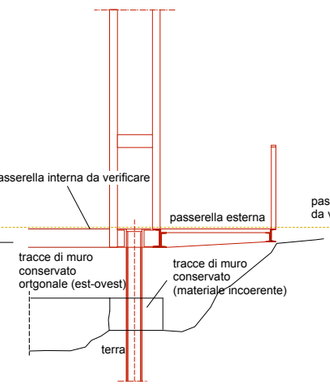
19 pilastro interno angolare



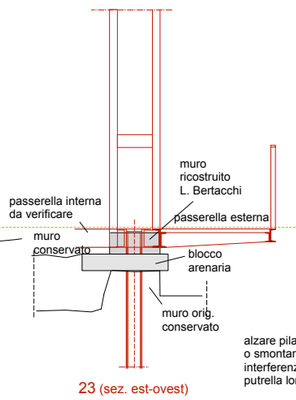
20 pilastro perimetrale a forcella



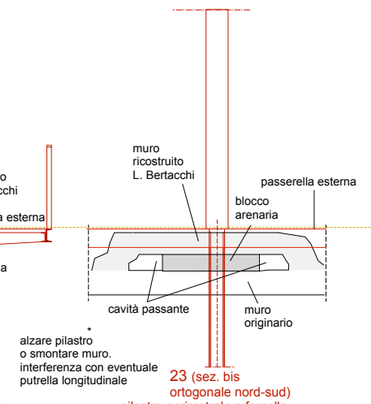
21 pilastro perimetrale a forcella



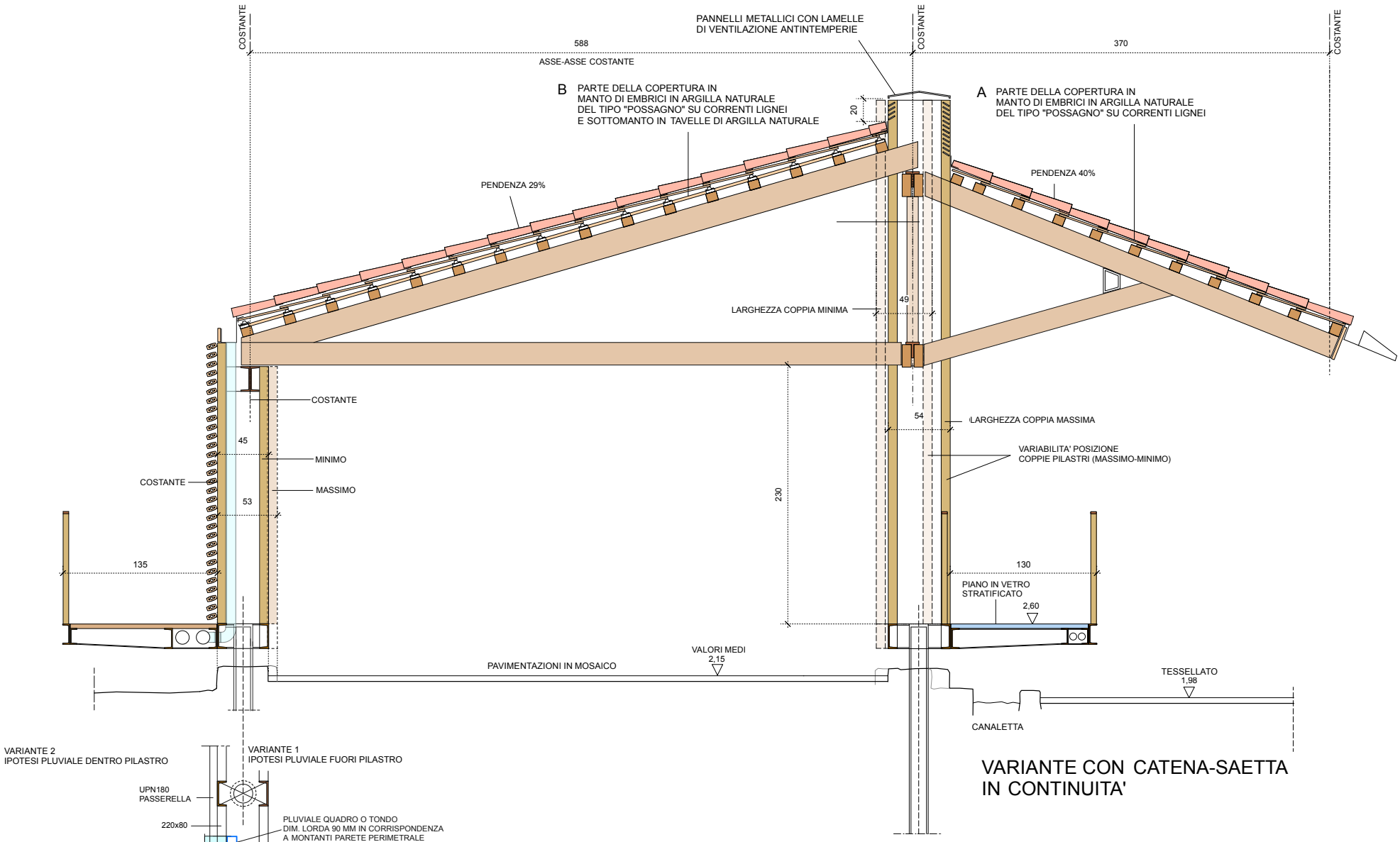
22 pilastro perimetrale a forcella



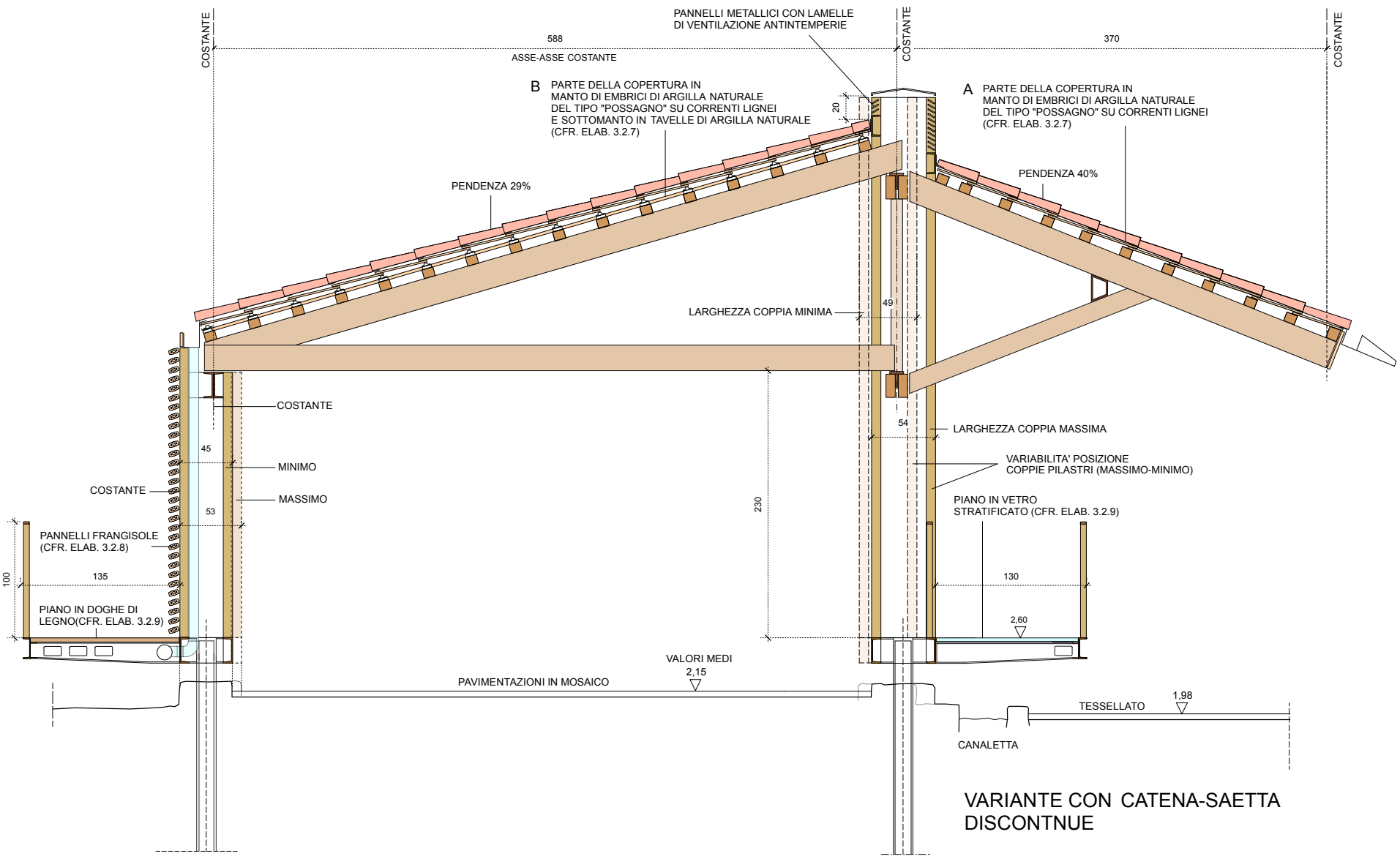
23 (sez. est-ovest)
pilastro perimetrale a forcella



23 (sez. bis
ortogonale nord-sud)
pilastro perimetrale a forcella

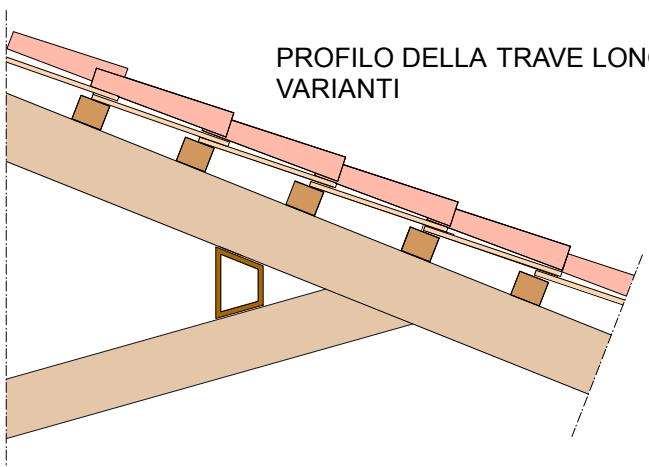


VARIANTE CON CATENA-SAETTA
IN CONTINUITA'



VARIANTE CON CATENA-SAETTA
DISCONTNUE

PROFILO DELLA TRAVE LONGITUDINALE:
VARIANTI



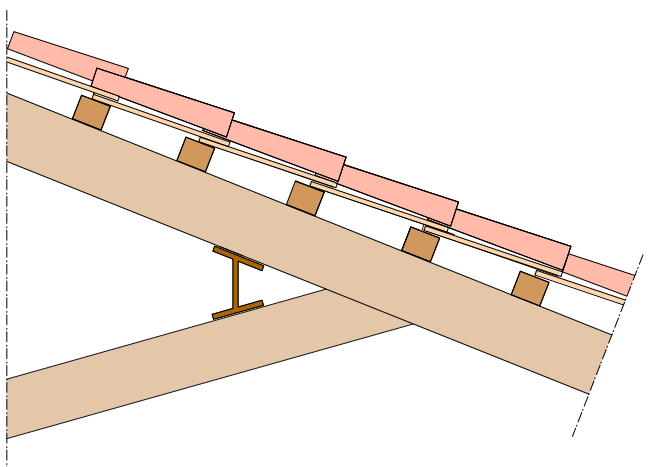
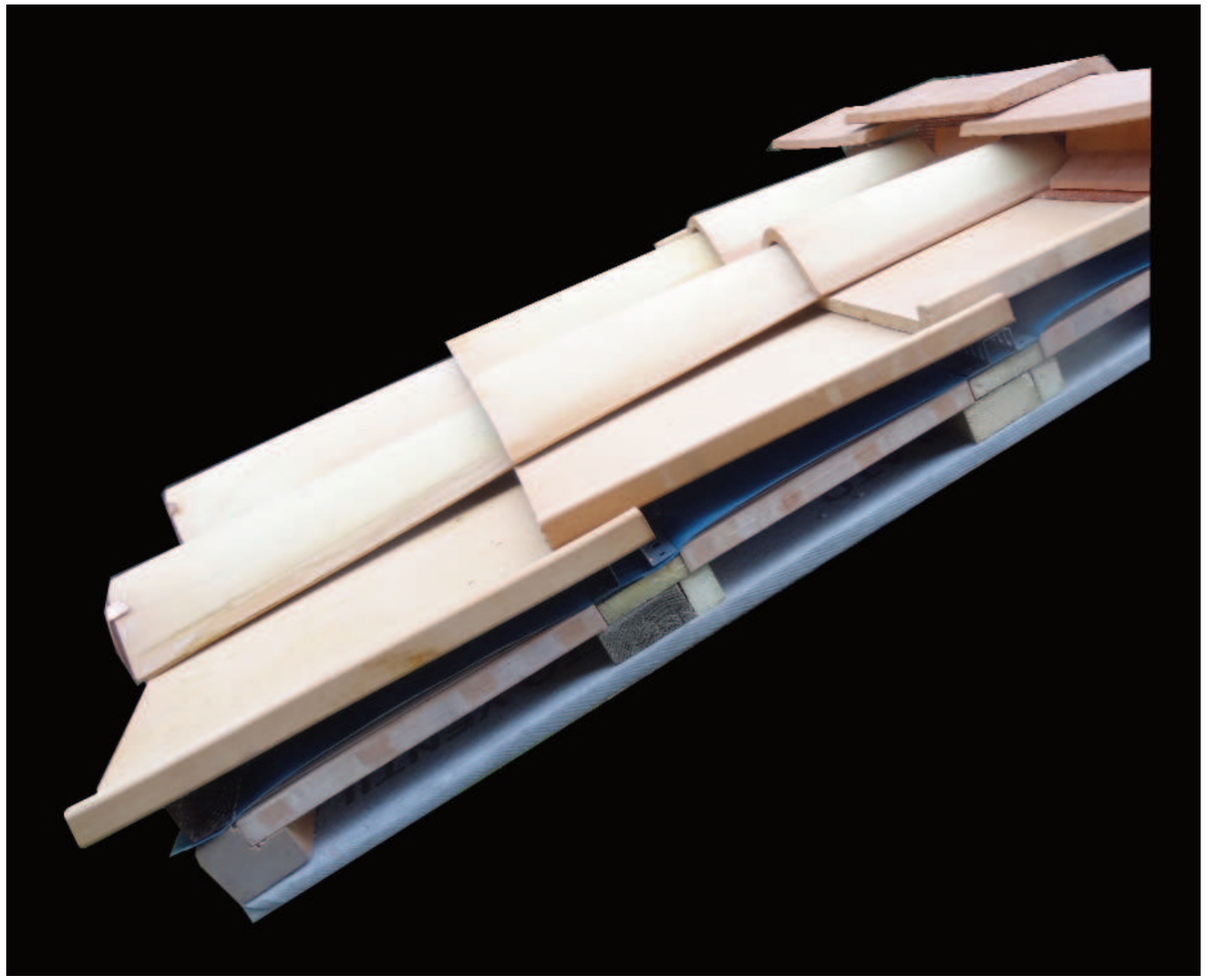


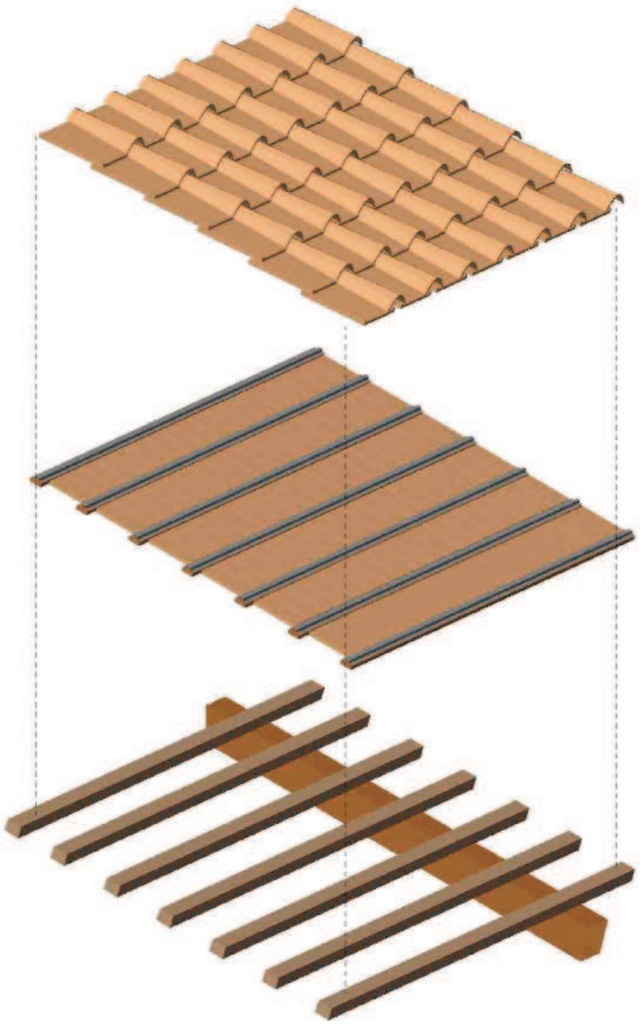
FIG. 20 PROVE ARCHITETTONICO-COSTRUTTIVE

SEZIONI TIPO E PARTICOLARI 1: 50/25

FIG. 21 IL MANTO DI COPERTURA IN EMBRICI ROMANI

FOTO DEL CAMPIONE IN SCALA REALE E PARTICOLARI





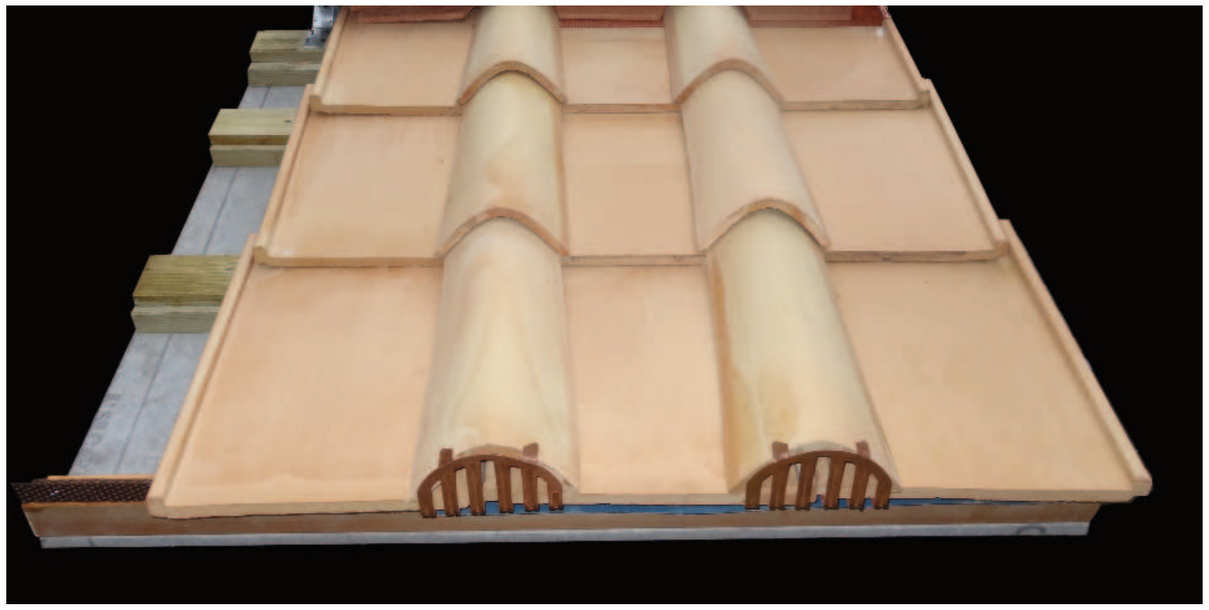


FIG. 22 LA STRUTTURA DI PROTEZIONE DELLA SALA CON MOSAICI

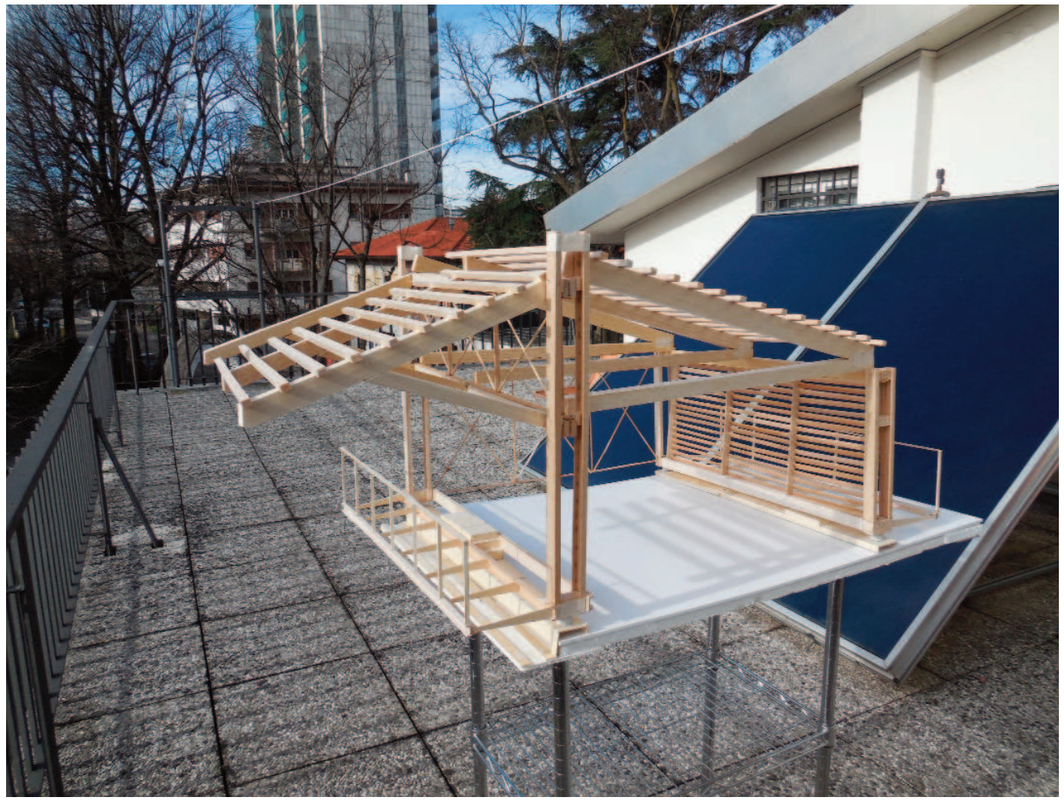



FOTO DEL MODELLO